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THORBURN'S BULBS

1911

ESTABLISHED
1802

Grass Seed for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the end of September, so that the young grass may become well rooted before winter sets in.

The Thorburn Lawn Grass

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich green sward in three or four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 4 to 5 bushels to the acre. Per qt. 25 cts., 2 qts. 45 cts., ½pk. 75 cts., pk. $1.20 bus. of 15 lbs., $4.

Thorburn's Special Lawn Grass Mixture

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's-Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places. Per qt., 35 cts., 2 qt. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are therefore peculiarly adapted to southern lawns. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.50.

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 24 lbs. $7.

Also Permanent Grass Seed for Golf Links, Tennis Courts, Polo Grounds, Etc.

We have devoted much attention to the seeding and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in the country with very satisfactory results.

Tennis Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis courts. This mixture will make a firm, green and lasting turf of the finest texture that will improve with tramping. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 22 lbs. $7.

Grass Mixture for Railroad Banks, Etc.

A mixture of grasses with long, interlacing, matting roots that will bind steep embankments, gravelly or sandy slopes, etc., preventing washouts by rainstorms and covering them with permanently green turf. Per qt. 30 cts., 2 qts. 50 cts., ½pk. 80 cts., pk. $1.25, bus. of 18 lbs. $4.50.

Fair Green or Golf Links Mixture

For the grounds in general. Per. bus. of 20 lbs. $4.

Putting-Green Mixture

A mixture of extra-fine grasses that will make a close firm, green and lasting turf, which will improve with tramping. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 24 lbs. $7.

Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. Per bus. of 20 lbs. $4.

Grass Seed Mixtures for Meadows and Pastures

The formation of permanent pastures and meadows has for many years been a subject of careful study with us, and the following mixtures for seeding grass-lands have received universal recognition.

Meadow Mixtures

Sow at the rate of 2 bushels to the acre

No. 1. For good land, neither too dry nor too wet. Per bus. of 20 lbs. $4.
No. 2. For high and dry land. Per bus. of 20 lbs. $4.50.
No. 3. For wet late land. Per bus. of 20 lbs. $4.

Pasture Mixtures

Sow at the rate of 2 bushels to the acre

No. 4. For good land, neither too dry nor too wet. Per bus. of 20 lbs. $4.50.
No. 5. For dry land. Per bus. of 20 lbs. $5.
No. 6. For wet land. Per bus.of 20 lbs. $4.50.

J. M. Thorburn & Co.'s Catalogue

OF BULBS AND FLOWERING ROOTS FOR FALL PLANTING

MANY of our most beautiful flowers are produced from bulbs, and they may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early spring months are also from bulbs planted in the autumn. The cultural directions found under the respective headings are worthy of careful attention.

Our bulbs are all selected, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. *We often receive orders with either the name or the address of the sender omitted. As we can do nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.*

ORDERS should be sent as soon as possible after receipt of this Catalogue. *The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come.* Orders received earliest are surest of being filled in full. If left too late, the supply of some of the varieties may be exhausted.

The prices quoted do *not* include transportation charges, which are extra. In stipulating amounts to be sent for postage, it is understood to apply to the United States only.

Please address all orders and remittances to

F. W. BRUGGERHOF, President
E. E. BRUGGERHOF, Vice-Pres. and Treas.
A. PROTIN, Assistant Treasurer
J. J. WILSON, Secretary

J. M. THORBURN & CO.
33 Barclay Street and 38 Park Place, New York
Established 1802 - Incorporated 1894

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HYACINTHS

THESE BULBS ARE READY FOR DELIVERY IN SEPTEMBER

The Hyacinth is one of the most popular and beautiful spring-flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to any one suitable sorts, when desired.

OUTSIDE CULTURE. In this section, October is the month to plant Hyacinths outside. They succeed best in a light, soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rotted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth too firmly around and over the bulbs; some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field mice which may burrow in it.

CULTURE IN POTS. For growing in pots, large, selected, named varieies should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibry loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September till the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rain-water should be used, and a little charcoal might be placed in to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Persons unacquainted with the different varieties will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortments of Named Hyacinths of our selection offered on page 4, and to the Hyacinth glasses which are described at the end of the Catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland and they are not sold under fancy names manufactured in this country

SELECT NAMED DUTCH HYACINTHS

N. B. Our selected Named Hyacinths are the cream of the Holland Nurseries under their original names. *For forcing in pots or for outdoor beds they far surpass the class of Bulbs usually sold.*

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses. The double varieties are distinguished by an asterisk (*) and those of them that do well for forcing in water by two asterisks (**).

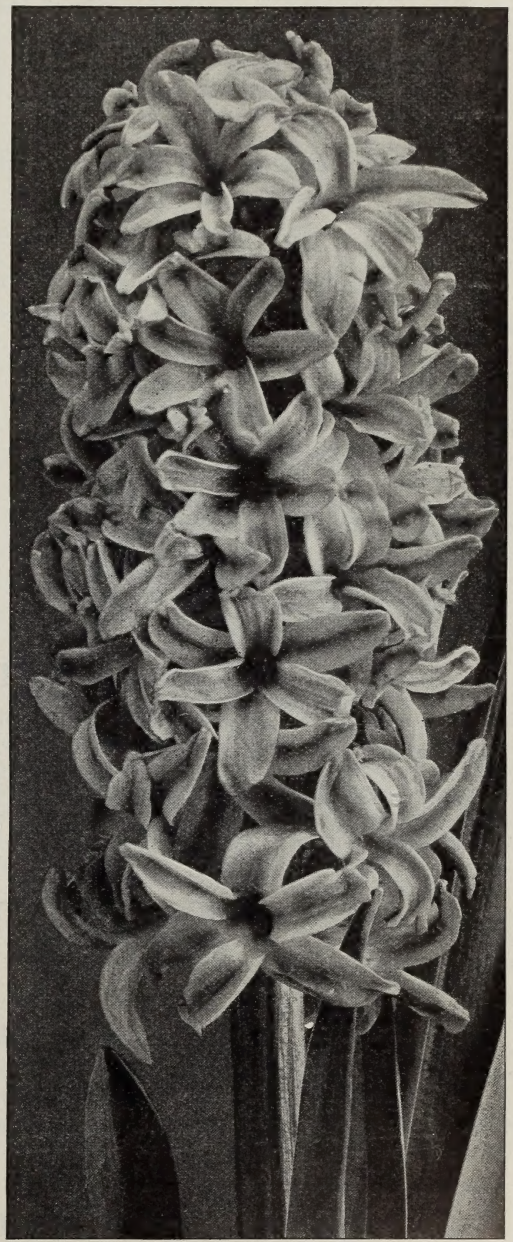
Three of a kind sold at the dozen rate

NAMED BLUE HYACINTHS

	Each	Doz.
Baron van Thuyll. Fine deep blue	$0 10	$1 00
Bleu Mourant. Dark; compact truss	10	1 00
***Blocksberg.** Light blue; large spike	12	1 25
***Bride of Lammermoor.** Dark blue	12	1 25
Captain Boyton. Sky-blue; large bells and truss	12	1 25
Charles Dickens. Blue; early	15	1 50
***Delicata.** Light blue; very fine	15	1 50
***Garrick.** Bright blue	12	1 25
****General Anthink.** Porcelain, deep center	12	1 25
General Pelissier. Light blue	12	1 25
Grand Lilas. Silvery lilac; fine spike.	12	1 25
Grand Maitre. Large truss; deep porcelain-blue; extra fine	12	1 25
King of the Blues. Dark blue; extra-large spike	10	1 00
La Peyrouse. Clear porcelain-blue	10	1 00
***Laurens Koster.** Purplish blue	15	1 50
Leonidas. Clear blue; large truss	12	1 25
Lord Derby. Light porcelain	15	1 50
***Lord Wellington.** Dark blue	12	1 25
Marie. Dark blue; large spike	10	1 00
****Mignon de Drijfhout.** Fine blue	12	1 25
****Othello.** Dark blue	12	1 25
Pieneman. Blue; large, broad truss	10	1 00
***Prince of Saxen Weimar.** Dark blue	12	1 25
Queen of the Blues. Light blue	12	1 25
Regulus. Light blue; large bells and spike	10	1 00
***Van Speyk.** Light blue; splendid	12	1 25
Uncle Tom. Blackish purple; fine spike	12	1 25

NAMED PURE AND BLUSH-WHITE HYACINTHS

	Each	Doz.
Alba maxima. Pure white	$0 12	$1 25
Alba superbissima. Pure white	12	1 25
Albertine. Pure white; early; fine forcer	10	1 00
***Anna Maria.** Creamy white, purple eye	12	1 25
Baroness van Thuyll. Pure white; large truss; very early	10	1 00
***Bouquet Royal.** Pure white	12	1 25
British Queen. Pure white; grand truss	20	2 00
Elfride. Blush-white; large bells	12	1 25
***Flevo.** Pure white	15	1 50
Grand Blanche. Blush-white; large bells; fine forcer	10	1 00
Grandeur a Merveille. Rosy white; large, well-formed spike	10	1 00
***Isabella.** Rosy white; grand spike	12	1 25
La Grandesse. Pure white; extra	15	1 50
La Franchise. Fine waxy white; large bells	10	1 00
****La Tour d'Auvergne.** Pure white; very early	12	1 25



Single Hyacinth

"The hyacinths purchased from you last season created a sensation."

Extract from letter of Mr. Tom O'Conner, of North Carolina, dated Nov. 3, 1910.

If ordered by mail, please add 15 cts. per dozen or 60 cts. per 100 for postage

NAMED PURE AND BLUSH-WHITE HYACINTHS, continued

	Each	Doz.
****La Virginite.** Blush-white; fine forcer	$0 12	$1 25
Leviathan. White; large bells and spikes	12	1 25
L'Innocence. Pure white; large truss	15	1 50
Madame Vanderhoop. Pure waxy white	12	1 25
Mammoth. Pure white; extra-large bells	12	1 25
***Miss Nightingale.** Extra fine; pure white	15	1 50
Mont Blanc. Pure white; splendid	20	2 00
Mr. Plimsoll. Pure white; large truss. Fine sort	12	1 25
***Non Plus Ultra.** Blush-white, violet center	$0 12	$1 25
Paix de l'Europe. Pure white; large spike; fine forcer	12	1 25
****Prince of Waterloo.** Pure white, rosy center	15	1 50
Queen Victoria. Pure white; large truss	12	1 25
Rousseau. Rosy white; good truss	12	1 25
***Sceptre d'Or.** Pure white, yellow center	15	1 50
Snowball. Large; pure white	20	2 00
Voltaire. Creamy white; large spike	10	1 00

NAMED RED, CRIMSON AND PINK HYACINTHS

	Each	Doz.
Amy. Carmine	$0 10	$1 00
***Bouquet Royal.** Rose; fine	12	1 25
****Bouquet Tendre.** Red; extra	12	1 25
Cardinal Wiseman. Bright rose; immense spike	12	1 25
****Czar Nicholas.** Pale rose; large	12	1 25
Fabiola (Florence Nightingale). Rose	10	1 00
Garibaldi. Brilliant carmine; fine	12	1 25
General Pelissier. Deep purplish crimson	12	1 25
Gertrude. Bright pink; fine compact spike. One of the best for in- or out-of-doors	12	1 25
Gigantea. Blush-white; large truss	12	1 25
****Grootvorst.** Blush; large truss and bells	12	1 25
***Kohinoor, Double.** Fine rose; semi-double; large spike	15	1 50
Lady Derby. Waxy pink; very large.	15	1 50
La Reine des Jacinthes. Crimson	12	1 25
Lord Macaulay. Rosy carmine	$0 12	$1 25
Lord Wellington, Single. Pink	15	1 50
****Lord Wellington, Double.** Light rose; extra large	15	1 50
Maria Catharina. Red	15	1 50
Norma. Delicate waxy pink	12	1 25
****Noble par Merite.** Deep rose; fine	12	1 25
****Prince of Orange.** Semi-double; blush-rose	12	1 25
Prince of Orange, Single. Rose; fine truss	15	1 50
***Princess Alexandra.** Rosy red	12	1 25
Robert Steiger. Fine deep crimson	10	1 00
Roi des Belges. Deep crimson-scarlet; fine truss	10	1 00
Rosea maxima. Rose; fine spike; late	12	1 25
Sarah Bernhardt. Fine rose; compact truss	15	1 50
***Sir Walter Scott.** Light rose; large bells	15	1 50

NAMED LILAC AND MAUVE HYACINTHS

	Each	Doz.
Distinction. Dark purple; large spike	$0 12	$1 25
Haydn. Lilac; large spike	12	1 25
L'Unique. Purplish violet	15	1 50
Lord Balfour. Purple; large spike	12	1 25
Sir Edwin Landseer. Purple; large bells and spike	$0 20	$2 00
Mauve Queen. Purplish; fine truss	15	1 50
Sir William Mansfield. Fine mauve.	12	1 25
Thackeray. Violet-purple	20	2 00

NAMED YELLOW AND ORANGE HYACINTHS

	Each	Doz.
Bird of Paradise. Dark yellow; fine	$0 20	$2 00
***Bouquet Orange.** Orange-yellow	15	1 50
Duc de Malakoff. Salmon, striped orange; fine spike	12	1 25
****Goethe.** Pale yellow	15	1 50
Heroine. Yellow, tipped green	15	1 50
Ida. Light yellow; large spike	12	1 25
****Jaune Supreme.** Dark yellow	15	1 50
King of the Yellows. Bright yellow.	12	1 25
King of Holland. Orange-yellow; early	$0 12	$1 25
La Pluie d'Or. Light yellow	12	1 25
***Minerva.** Orange-yellow	15	1 50
Obelisque. Fine clear yellow	12	1 25
***Ophir d'Or.** Yellow; reddish center	15	1 50
***Sunflower.** Pure yellow	12	1 25
Yellow Hammer. Golden yellow; good spike	12	1 25

COLLECTIONS OF DUTCH HYACINTHS. OUR SELECTION

No. 1.	**12 Named Hyacinths,** for house culture in pots and glasses	$1 25
No. 2.	**12 Fine Named Hyacinths,** for house culture in pots and glasses	1 50
No. 3.	**12 Extra-Fine Named Hyacinths,** for house culture in pots or glasses	1 75
No. 4.	**50 Fine Named Double** and **Single Hyacinths,** in 12 varieties	4 00
No. 5.	**100 Fine Named Double** and **Single Hyacinths,** in 25 varieties	7 50

If ordered by mail, add 15 cts. per dozen or 60 cts. per 100 for postage

GROUPS OF DUTCH HYACINTHS FOR DESIGN BEDDING

To obviate the disappointment resulting from selecting unsuitable varieties for design beds, we give the following groups of some of the sorts that bloom about the same time and grow to the same height. They will all form most effective combinations. We recommend **named** sorts for design bedding as decidedly better than mixtures.

Fabiola. Red.
Alba Superbissima. White.
Charles Dickens. Blue.

Gigantea. Red.
Grandeur a Merveille. White.
Baron van Thuyll. Blue.

Robert Steiger. Red.
Mad. Vanderhoop. White.
Marie. Blue.

General Pelissier. Red.
Baroness van Thuyll. White.
Grand Maitre. Blue.

Norma. Red.
La Franchise. White.
La Peyrouse. Blue.

MIXED DUTCH HYACINTHS IN SEPARATE COLORS

The very largest size. Suitable either for forcing or bedding

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

Six of a color at dozen rate, 25 of a color at 100 rate

	Doz.	100
Single Dark Blue	$0 50	$3 50
" **Light Blue**	50	3 50
" **Blue.** All shades	50	3 50
" **Dark Red**	50	3 50
" **Rose and Pink.** All shades	50	3 50
" **Red.** All shades	50	3 50
" **Pure White**	50	3 50
" **Blush-White**	50	3 50
" **White.** All shades	50	3 50
" **Yellow.** All shades	50	3 50
" **MIXED COLORS**. . 1,000, $30 .	50	3 50

	Doz.	100
Double Dark Blue	$0 50	$3 50
" **Light Blue**	50	3 50
" **Blue.** All shades	50	3 50
" **Dark Red**	50	3 50
" **Rose and Pink.** All shades	50	3 50
" **Red.** All shades	50	3 50
" **Pure White**	50	3 50
" **Blush-White**	50	3 50
" **White.** All shades	50	3 50
" **Yellow.** All shades	50	3 50
" **MIXED COLORS**. . 1,000, $30. .	50	3 50

FRENCH ROMAN HYACINTHS

Extensively used by florists for forcing cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are pure white, delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable spot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

	Each	Doz.	100
Pure White. First size	$0 05	$0 50	$3 50
" " Selected bulbs	06	60	4 00
" " Extra-selected bulbs	08	75	5 00

	Each	Doz.	100
Double Rose-Pink Roman	$0 05	$0 50	$3 50
Double Dark Rose Roman	05	50	3 50
Single Blue Roman	05	50	3 50

MINIATURE HYACINTHS

These are also known as **"Dutch Roman"** and **"Pan Hyacinths."** They are very suitable for growing in groups in pots or earthen pans. We offer them in separate colors, and also mixed, as follows:

Pure White, Bright Red, Light Blue and **Dark Blue.** 40 cts. per doz., $2.50 per 100.
Mixed Colors. 40 cts. per doz., $2.25 per 100.

ITALIAN HYACINTHS

These are grown largely by florists for cutting. The flowers are single, very graceful and fragrant, and produced abundantly. They are hardier than the Romans, and may also be planted outside in the fall for flowers for early spring cutting.

	Each	Doz.	100
Single White, Early	$0 05	$0 50	$3 50
" " **Late** (St. Joseph)	05	50	3 50

If ordered by mail, add 10 cts. per dozen or 50 cts. per 100 for postage

TULIPS

TULIPS ARE READY FOR DELIVERY IN SEPTEMBER

For beauty of form and brilliancy of coloring Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow, so that purchasers may select suitable sorts for forming display beds in design. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE.—The cultural directions given for hyacinths, on page 2, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. They may be planted in October and November before the ground freezes. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open border.

A, B, and C indicate seasons of flowering. A and B may be planted to flower about the same time in the open ground; C flowers later.

SINGLE EARLY TULIPS

Six of a kind at dozen rates, 25 of a kind at 100 rates

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

		Height in.		Doz.	100
C	**Alba regalis.** Creamy white	6	3 for 10c.	$0 25	$1 50
B	**Artus.** Bright scarlet; fine bedder	per 1,000, $12	7	3 for 10c.	30	1 75
A	**Belle Alliance** (Waterloo). Rich scarlet; fine forcer or bedder.	" 20	7	each 5c.	40	2 25
B	**Bizard Verdict.** Carmine-red, gold-striped	7	3 for 10c.	25	1 50
B	**Brutus.** Red and orange	6	3 for 10c.	25	1 50

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

SINGLE EARLY TULIPS, continued

		Height in.		Doz.	100
A	**Canary Bird.** Pure yellow; fine for forcing	per 1,000, $10	8	3 for 10c.	$0 25	$1 50
B	**Cardinal's Hat.** Red	" $10	8	3 for 10c.	25	1 50
A	**Chrysolora.** Splendid: pure yellow; good forcer or bedder	" $10	7	3 for 10c.	25	1 50
B	**Cottage Maid.** Beautiful rose, flushed white; for forcing or bedding	" $10	7	3 for 10c.	25	1 50
B	**Couleur Ponceau.** Rosy red, shaded white	" $10	8	3 for 10c.	25	1 50
A	**Crimson King** (Roi Cramoisie). Bright crimson; fine	" $10	7	3 for 10c.	25	1 50
B	**Duchesse de Parma.** Orange-scarlet, yellow border; forcer and bedder	" $14	9	3 for 10c.	30	1 75
B	**Dusart.** A splendid dark scarlet; unsurpassed for bedding	7		each 5c.	40	2 50
B	**Fabiola.** Large; white, violet-striped	7		each 7c.	60	3 50
B	**Gold Finch.** Pure yellow; sweet-scented; early forcer	7		each 5c.	35	2 00
B	**Golden Prince.** Bright yellow; sweet-scented	per 1,000, $10	7	3 for 10c.	35	1 50
B	**Jagt van Delft.** Pure white; good cup form	7		3 for 10c.	25	1 50
A	**Joost van den Vondel.** Cherry-red, feathered white; large	per 1,000, $18	7	each 5c.	40	2 50
B	**Keizerkroon.** Crimson yellow border; fine forcer or bedder	" $16	9	each 5c.	35	2 00
A	**King of the Yellows.** Golden yellow; fine forcer; one of the earliest	" $13	8	3 for 10c.	30	1 75
A	**La Reine** (Queen Victoria). Rosy white; fine forcer	" $10	7	3 for 10c.	25	1 50
B	**L'Immaculee.** Pure white; fine forcer; very early	" $10	7	3 for 10c.	25	1 50
A	**Mon Tresor.** Large; pure yellow; extra fine; early forcer	8		each 5c.	35	2 25
A	**Ophir d'Or.** Golden yellow; large flower; good bedder	7		3 for 10c.	30	1 75
A	**Pottebakker, Yellow-Striped.** Very fine	8		each 5c.	35	2 00
A	**Pottebakker, White.** White; fine forcer	8		each 5c.	35	2 00
C	**Pottebakker, Scarlet.** Very effective; bright scarlet; forcer	8		each 5c.	40	2 50
A	**Prince de Ligne.** Yellow; fine forcer; early	8		each 5c.	35	2 00
B	**Prince of Austria.** Splendid; orange-red; very fragrant; extra fine for forcing	9		each 6c.	50	3 00
A	**Princess Marianne.** Rosy white; fine bedder	7		3 for 10c.	30	1 75
A	**Proserpine.** Extra; rosy carmine; good forcer	per 1,000, $28	7	each 6c.	50	3 25
A	**Queen of the Netherlands.** Beautiful egg-shaped flowers; soft rose, flushed white; extra fine	8		each 7c.	60	3 50
B	**Queen Victoria.** Rose-white	7		3 for 10c.	25	1 50
A	**Rachel Ruisch.** Rose; good forcer	8		3 for 10c.	30	1 75
B	**Rosa Mundi (Huikman).** Rose and cream	per 1,000, $12	8	3 for 10c.	30	1 75
B	**Rose Aplati.** White, with soft rose edge; beautiful	7		each 8c.	65	4 00
B	**Rose Grisdelin.** Delicate rose, flushed white; fine forcer and bedder	6		3 for 10c.	25	1 50
B	**Rose Luisante.** Deep rose; fine	7		each 6c.	50	3 00
B	**Thomas Moore.** Terra-cotta, shaded golden; fine bedder	9		3 for 10c.	30	1 75
B	**Van Goijen.** Rose; very beautiful; forcer	7		3 for 10c.	30	1 75
B	**Verboom.** Scarlet	6		each 7c.	60	3 50
A	**Vermilion Brilliant.** Most brilliant vermilion; fine for pots and for forcing	8		each 7c.	60	3 50
B	**Wapen Van Leiden** (Arms of Leiden). White, rose-shaded	9		3 for 10c.	30	1 75
B	**Washington.** Silvery white; fine bedder and forcer	7		each 5c.	35	2 00
A	**White Hawk.** Large; pure white; fine for forcing	7		each 5c.	40	2 50
B	**White Swan.** Pure white; true egg-shaped variety	8		3 for 10c.	25	1 50
	Mixed Early Single, Thorburn's Special Mixture. Extra choice	per 1,000, $9		3 for 10c.	25	1 25

May-flowering Tulips

DARWIN TULIPS (May-flowering)

If ordered by mail, add 7 cts. per dozen or 40 cts. per 100 for postage

They grow very tall, with large flowers of fine form. Being borne on very long stems, they are excellent for cutting to put in vases for house decoration. They are all single, self-colored, and of great brilliancy.

	Each	Doz.	100
Asa Gray. Dark carmine	$0 06	$0 50	$3 00
Andromarque. Lilac-red	06	50	3 00
Anna Paulowna. Purple-lilac	06	50	3 00
Beyerinck. Soft rose and lilac	07	60	3 50
Carminea. Glowing rose, shaded carmine	07	60	3 50
Emanuel Sweerts. Violet-rose; strong and erect	07	60	3 50
General Botha. Magenta; fine	06	50	3 00
Giovanni. Beautiful carmine-rose	07	60	3 50
Herta. Purplish carmine; early	$0 07	$0 60	$3 50
Hisperia. Scarlet	07	60	3 50
MacOwan. Bluish violet, light at edges; fine flower	07	60	3 50
Miss Ormerod. Vivid rosy red	07	60	3 50
Pales. Soft rose; dwarf	06	50	3 00
Queen of Roses. Rose; extra	07	60	4 00
The Sultan. Glossy maroon-black	06	50	3 00
Mixed Darwins. Self-colored	per 1,000, $13	05	35	1 75

SINGLE LATE-FLOWERING TULIPS (May-flowering)

Six of a kind at dozen rate, 25 of a kind at 100 rate

These are all tall-growing, May-flowering Tulips, with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. The named Bizarres and Byblomens are the sorts grown by florists for show purposes. Splendid for cutting rather than for design bedding.

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

		Doz.	100
Bridesmaid (Maid of Holland). Cherry-rose, flaked white	3 for 10c.	$0 30	$1 75
Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting	3 for 10c.	25	1 50
Gesneriana Major. Scarlet, with blue base; effective in beds; fine for cutting	each 5c.	35	2 00
Golden Crown. Deep yellow, edged red; fine for cutting	3 for 10c.	25	1 50
Golden Eagle, or **Yellow Gesneriana.** Golden yellow	3 for 10c.	25	1 50
Isabella (**Blushing Bride, or Shandon Bells**). Cream, turning carmine-rose; fine late sort	3 for 10c.	25	1 50
La Merveille. Salmon-rose, shaded orange-red; flowers of great size; elegant pitcher-shaped when closed; sweet-scented; magnificent	each 5c.	35	2 00
Parisian Yellow. Deep yellow; fine for cutting	each 5c.	35	2 00
Picotee (**Maiden's Blush**). White, with rose edge	3 for 10c.	30	1 75
Rosalind. Rose, with white base; very lovely	3 for 10c.	30	1 75
Sweet Nancy. White, edged rose	each 5c.	35	2 00
Mixed Late Single	per 1,000, $10..	25	1 35

Parrot Tulips

PARROT TULIPS (May-flowering)

Six of a kind at dozen rate, 25 of a kind at 100 rate

For outdoor cultivation. The petals of these have feathered edges, and, in addition to other colors, combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border. To get the best results they must have the full effect of the sun. Very late-flowering.

If ordered by mail, add 6 cts. per dozen for postage

Cafe Brown. Purplish brown and yellow. 3 for 10 cts, 30 cts. per doz., $1.50 per 100.

Constantinople. Light red. 3 for 10 cts., 30 cts. per doz., $1.50 per 100.

Lutea Major. Large yellow flowers. 3 for 10 cts., 30 cts. per doz., $1.50 per 100.

Markgrave of Baden. Bright yellow flowers, striped with scarlet. 3 for 10 cts., 30 cts. per doz., $1.50 per 100.

Monstre Cramoisie Brilliant. Deep crimson, large black center. 3 for 10 cts., 30 cts. per doz., $1.50 per 100.

Perfecta. Yellow, spotted red. 3 for 10 cts., 30 cts. per doz., $1.50 per 100.

Mixed Colors. 3 for 10 cts., 25 cts. per doz., $1.25 per 100, $8 per 1,000.

DOUBLE TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some of the sorts are quite dwarf.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

		Height in.		Doz.	100
B	**Agnes.** Brilliant red; early	5	each 5c.	$0 40	$2 50
B	**Alba Maxima.** Pure white; early	7	each 5c.	40	2 50
A	**Blanche Hative.** Pure white; very early; easy forcer	7	each 5c.	40	2 50
C	**Belle Alliance.** Scarlet	12	each 8c.	65	4 00
A	**Couronne d'Or.** Beautiful orange-yellow; large, handsome flower	8	each 5c.	40	2 50
B	**Duke of York.** Violet, white border	8	3 for 10c.	30	1 75
A	**Gloria Solis.** Red, with yellow border; early	7	each 5c.	35	2 00
B	**Helianthus.** Red and yellow; early	6	each 5c.	40	2 50
B	**Imperator Rubrorum.** Rich crimson-scarlet; fine forcer; early	8	each 6c.	50	3 00
A	**Lady Palmerston.** Rose; large flower; fine	10	each 5c.	35	2 00

DOUBLE TULIPS, continued

		Height in.			Doz.	100
B	**La Candeur.** White, green-tipped; fine for bedding with Rex Rubrorum	6	each	5c.	$0 35	$2 00
B	**Le Blason.** White; fine flower; early	6	each	5c.	35	2 00
B	**Murillo.** Blush-white; fine for forcing; early	6	each	5c.	35	2 00
C	**Paeony Gold.** Red and gold; late-flowering; dwarf	6	each	5c.	35	2 00
C	**Paeony Red.** Fine deep red; late-flowering; dwarf	6	each	5c.	35	2 00
B	**Purple Crown.** Purplish red; early	8	each	5c.	35	2 00
B	**Rex Rubrorum.** Brilliant scarlet; fine for bedding with La Candeur	8	each	5c.	40	2 50
B	**Rose Blanche.** Extra pure white; very fine; early	6	3 for	10c.	30	1 75
B	**Rubra Maxima.** Deep red; splendid flower; early forcer	6	each	5c.	35	2 00
A	**Salvator Rosa.** Deep rose; splendid for forcing; early	7	each	5c.	35	2 00
A	**Tournesol.** Bright red, yellow edge; earliest double	7	each	5c.	40	2 50
A	**Tournesol, Yellow.** Orange-shaded; very early	7	each	5c.	40	2 50
C	**Yellow Rose.** Pure golden yellow; late-flowering; sweet-scented	8	3 for	10c.	25	1 50
	Mixed Early Double. Thorburn's Special Mixture	per 1,000, $10	3 for	10c.	25	1 35

DUC VAN THOL TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate

The Duc van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulips.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

	Height in.			Doz.	100
Red. Bordered with yellow	6	3 for	10c.	$0 30	$1 75
Rose. Milky white, shading to beautiful rose	6	each	5c.	35	2 00
Scarlet. Dazzling scarlet	7	each	5c.	40	2 50
Crimson. Bright crimson	7	3 for	10c.	30	1 75
Vermilion. Bright vermilion	6	each	5c.	35	2 00
Gold-striped. Glossy red, striped with golden yellow	6	3 for	10c.	30	1 75
Violet. White-edged; very dwarf	6	3 for	10c.	30	1 75
Yellow. Citron-yellow	6	each	5c.	40	2 50
White. Clear satiny white	6	3 for	10c.	30	1 75
Double Red, Yellow-bordered	9	3 for	10c.	25	1 25

MISCELLANEOUS AND BOTANICAL TULIPS

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

		Each	Doz.
Tulipa Billietiana.	Yellow, gold-tipped, scarlet base	$0 05	$0 50
" **carinata.**	Purple-red	05	50
" **Clusiana**	(The Lady Tulip). White, red-striped	08	80
" **Cornuta stenopetala.**	Red and yellow	07	75
" **Didieri alba.**	Pure white	05	50
" **elegans.**	Red; long, pointed, reflexing petals	07	75
" **Florentina odorata.**	Yellow; violet-scented	per 100, $2..	05	35
" **macrospila.**	Crimson	per 100, $2..	05	35
" **Oculis Solis**	(Cotton Tulip, or Sun's Eye). Vermilion, with black eye	07	75
" **Persica.**	Yellow; sweet-scented	10	1 00
" **retroflexa.**	Yellow; recurved petals	06	60

MIXED TULIPS

Not less than 6 at dozen rate

For bedding. Planted in large masses, these make a magnificent show and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

		Doz.	100	1,000
Fine Mixed, EARLY SINGLE, Thorburn's Special Mixture.	Extra choice	$0 25	$1 25	$9 00
" " **EARLY DOUBLE, Thorburn's Special Mixture.**	Extra choice	25	1 35	10 00
" " **Late Single**		25	1 35	10 00
" " **Bizarres**		25	1 25	8 00
" " **Bybloems**		25	1 25	9 00
" " **Parrot**		25	1 25	8 00
" " **Breeders,** or **Mother Tulips**		30	1 60	12 00
" " **Darwin.**	Single; late, self-colored; mixed	35	1 75	13 00

CHOICE COLLECTIONS OF TULIPS, OUR SELECTION

No. 1. **One** each of the following **12 varieties Named Early Single Tulips** for house culture or bedding..$0 35

Artus	**Cottage Maid**	**Keizerkroon**	**Pottebakker, White**
Belle Alliance	**Couleur Ponceau**	**La Reine**	**Rosa Mundi**
Chrysolora	**Duchesse de Parma**	**L'Immaculee**	**Wapen van Leiden**

No. 2. **Two** each, same **12 varieties as in Collection No. 1** (24 named bulbs)..... $0 65
No. 3. **Four** each, same **12 varieties as in Collection No. 1** (48 named bulbs)..... 1 20
No. 4. **Eight** each, same **12 varieties as in Collection No. 1** (96 named bulbs)..... 2 20

NARCISSUS

NARCISSUS ARE READY FOR DELIVERY IN SEPTEMBER

Narcissus are among the most popular and largely grown of spring-flowering bulbs, and deservedly, too. Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, lakes or ponds, and in mixed flower or shrubbery borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5-inch pot, and they are valuable for this purpose. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

SINGLE NARCISSUS, or DAFFODILS

If ordered by mail, add 12 cts. per dozen or 45 cts. per 100 for postage

Ard Righ (Irish King). Magnificent golden yellow trumpet; very large and graceful. One of the earliest and finest for forcing. 8 cts. each, 70 cts. per doz., $4.50 per 100.

Barri Conspicuus. Lovely shape; broad sulphur petals, heavily stained orange-scarlet. Very long-stemmed and graceful. Fine for cutting. 5 cts. each, 30 cts. per doz., $1.75 per 100.

Bicolor Horsfieldii. "Queen of Daffodils." Rich golden trumpet; pure white and well-expanded perianth. A magnificent flower. Fine forcer. 5 cts. each, 35 cts. per doz., $2 per 100.

Bicolor Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet. An excellent forcer. 5 cts. each, $40 cts. per doz., $2.50 per 100.

Bicolor Victoria. Yellow trumpet; creamy white perianth. Fine for pots. 5 cts. each, 40 cts. per doz., $2.50 per 100.

Bicolor Grandee. Extra-large flower, yellow trumpet, white perianth; dwarf. 5 cts. each, 30 cts. per doz., $1.75 per 100.

Biflorus. White; two or three on a stem; for planting in grass or wood walks. 5 cts. each, 30 cts. per doz., $1.75 per 100.

Bulbocodium (Hoop Petticoat). Rich golden yellow; for forcing. 8 cts. each, 75 cts. per doz., $4.50 per 100.

Bulbocodium citrinus. Citron-yellow. 8 cts. each, 75 cts. per doz., $4.50 per 100.

Emperor. Flowers of great size and substance; primrose petals, rich lustrous yellow trumpets; strong, stately habit; splendid for cutting. 5 cts. each, 40 cts. per doz., $2.50 per 100.

Golden Spur. Distinguished by its enormous flower, wide trumpet and rich golden color; very early and fine for forcing or outdoors. 5 cts. each, 40 cts. per doz., $2.50 per 100.

If by mail, add 12 cts. per dozen or 45 cts. per 100 for postage

SINGLE NARCISSUS, continued

	Each	Doz.	100
Henry Irving. Large golden yellow. One of the best for cutting	$0 05	$0 40	$2 50
Incomparabilis. Single; yellow; early. Fine for cutting	05	25	1 25
" **Cynosure.** Bright orange cup; large, white perianth; early	05	25	1 25
" **Figaro.** Cup orange; perianth yellow; very large	05	25	1 25
" **Sir Watkin** (Giant Welsh Chalice Flower). Golden crown; primrose perianth. Largest of all, often over 5 in. across. First size	05	30	2 00
" " " **Double Nose Bulbs**	05	40	2 50
" **Stella.** White, with orange cup	05	25	1 25
Leedsii. Pure white, star-shaped, sweet-scented flowers. Fine for cutting	05	25	1 25
" **Duchesse de Brabant.** White perianth, lemon cup. Good for forcing	05	25	1 25
" **Mrs. Langtry.** White perianth; large, white cup, edged golden yellow; beautiful.	05	30	1 50
" **Queen of England.** Large, pure white perianth; lemon cup	05	25	1 25
Obvallaris (Tenby Daffodil). Early; yellow; large. Fine forcer	05	35	2 00
Poeticus (Pheasant's Eye). Pure white, with red cup. Fine for cutting	2 for 5 cts.	20	90
Poeticus Ornatus. Same color as Poeticus, but the flowers are larger. It is one of the most valuable for cut-flowers, being very early and of great substance and beauty	2 for 5c.	20	1 00
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flower. Valuable for forcing or outdoor culture. A splendid variety	05	25	1 25
Single Van Sion. Yellow	05	35	2 00
Tenuior (Silver Jonquils). Handsome dwarf variety; sulphur-white	07	60	3 50
Trumpet Major. Large; early; deep golden yellow. Earliest for forcing	05	30	1 75
Mixed Trumpet Sorts	05	25	1 25
Mixed Early Single Sorts	2 for 5 cts.	20	1 00

PAPER-WHITE NARCISSUS

Paper White, Large-flowering. Very early and largely forced for cut-flowers. Beautiful clusters of large, pure white flowers	05	35	2 00

DOUBLE NARCISSUS, or DAFFODILS

Albus plenus odoratus. Double, pure white; very sweet-scented; for outdoors	05	25	1 25
Incomparabilis (Butter and Eggs). Lemon and orange. Fine for forcing or outdoors	05	30	1 75
Orange Phoenix (Eggs and Bacon). Very large, double, white and orange flower of great beauty. One of the handsomest; splendid for pot culture	05	30	1 75
Sulphur Crown, or **Silver Phoenix.** Most beautiful pure white; very double	06	40	2 50
Tazetta (Roman). Very early; double yellow. For forcing and pot culture only	05	35	2 00
VAN SION. The largest double yellow trumpet variety; extra fine for forcing, and most largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety and of the largest size. per 1,000, $18	05	40	2 50
VAN SION, DOUBLE-NOSED BULBS. per 1,000, $24	07	60	3 50

POLYANTHUS NARCISSUS

If by mail, add 20 cts. per dozen for postage

Invaluable for forcing. All very early; flowers exceedingly fragrant; may be grown in glasses or pots. If planted in open borders, must be protected over winter by a covering of litter.

	Each	Doz.	100
Bazelman, Major. Broad white perianth, deep yellow cup; largest of all	$0 08	$0 75	$4 50
Bathurst. Yellow	07	50	3 25
Gloriosa. White perianth; deep orange cup; very striking	07	50	3 25
Grand Monarque. White, with yellow cup; very large flower; vigorous grower	05	40	2 50
Grand Soleil d'Or. Yellow, with orange cup; very free-blooming	06	45	3 00
Grand Primo. White, lemon cup	05	40	2 50
Jaune Supreme. Primrose, orange cup	07	60	3 50
Luna. White perianth; white cup	07	60	3 50
Masterpiece. Yellow and orange	07	60	3 50
Muzart Orientalis. White, orange cup	07	60	3 50
Newton. A pure yellow variety, with orange cup; extra fine	07	60	3 50
Queen of the Netherlands. White, yellow cup	07	60	3 50
Queen Victoria. White, with yellow cup; large, handsome flower	07	60	3 50
Staten General. White, with primrose-yellow cup; free bloomer	07	60	3 50
White Pearl. Perianth pure white, cup primrose; fine for cutting	07	60	3 50
Mixed Sorts	05	35	2 00

JONQUILS

A class related to the Narcissus, and suitable alike for pot culture or planting out. Culture same as for Hyacinths.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

	Each	Doz.	100
Single Yellow Sweet-scented	2 for 5 cts., $6.50 per 1,000	$0 20	$0 80
Large Single (Campernelle). Yellow	2 for 5, $7 per 1,000	20	1 00
Odorus rugulosus. An improved Campernelle; deep yellow, large crinkled flowers; fragrant	$0 05	25	1 25
Large Double. Deep golden yellow, very double, delightfully fragrant; fine for forcing	05	40	2 50
Silver Jonquil (*Narcissus tenuioir*)	07	60	3 50

LILIES

For stateliness of habit, beauty of form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of *L. candidum* and *L. tigrinum*, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. *L. auratum* cannot bear manure, but thrives in ordinary light soil. They all prefer a partial shade, and the taller sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and Lilium candidum ready in August; others not until November

Lilium Harrisii

Lilium Harrisii

(BERMUDA EASTER LILY)

BULBS NOW READY

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, and last a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

If ordered by mail, add from 10 to 20 cents per dozen for postage, according to size

	Each	Doz.	100
5 to 7 inches in circumference	$0 10	$0 90	$6 50
7 to 9 inches in circumference	25	2 00	12 00
9 to 11 inches in circumference	35	3 50	26 00

LILIUM LONGIFLORUM

(White Trumpet Lily)

If ordered by mail, add 3 to 5 cents each for postage

This is among the most beautiful and valuable of garden lilies. It grows from 1 to 4 feet high and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained, light loam enriched with leaf-mold suits it best.

	Each	Doz.	100
6 to 8 inches in circumference	$0 08	$0 75	$4 50
7 to 9 inches in circumference	10	90	6 00
8 to 10 inches in circumference	15	1 50	10 00
Formosum. Pure white flowers, larger than those of *L. Harrisii*. Grows from 2½ to 4 ft. high.			
7 to 9 inches in circumference	15	1 50	10 00
9 to 10 inches in circumference	20	2 00	13 00
Multiflorum. 6 to 8 inches in circumference	08	75	4 50
7 to 9 inches in circumference	12	1 25	7 50
8 to 10 inches in circumference	15	1 50	10 00
Multiflorum giganteum. 6 to 8 inches in circumference	10	1 00	5 50
7 to 9 inches in circumference	15	1 40	9 00
9 to 10 inches in circumference	20	2 00	14 00

SACRAMENTO, CALIF., *Oct. 17, 1910.*

Your bulbs furnished me last year gave, for over six weeks, a magnificent display of color, and were most satisfactory.

ROBERT E. CRANSTON.

BEAUTIFUL JAPAN LILIES

Postage on these varieties from 2 to 10 cents each, according to size

These do not generally arrive until November and December. We import our supply direct from Japan every year. Every garden should have some of these most beautiful and easily grown Lilies.

	Each	Doz.	100
Auratum (Gold-banded Lily). The grandest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal. The plant grows from 3 to 6 feet high. 8 to 9 ins. in circumference.	$0 15	$1 40	$9 00
9 to 11 ins. in circumference...	20	2 00	14 00
11 to 13 ins. in circumference...	30	3 00	20 00
Auratum rubro-vittatum. Enormous flowers, sometimes measuring 10 inches across; pure white, beautifully spotted, and with a deep crimson stripe through center of each petal; very fragrant. 8 to 9 inches.....	60	6 00	
Auratum pictum. Flowers like those of the common Auratum, with yellow band through each petal. It is beautifully spotted with rich crimson. 8 to 10 in...	40	4 00	
Speciosum album Kraetzeri. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest grown Lilies we have. 8 to 9 in.	20	1 75	12 00
9 to 11 inches.....	30	2 75	18 00

Lilium auratum

	Each	Doz.	100
Speciosum rubrum Melpomene. Very dark crimson-spotted flowers of large size and striking appearance; 2 to 4 feet high. 8 to 9 inches.....	$0 12	$1 25	$7 00
9 to 11 inches.....	20	1 75	12 00
11 to 13 inches.....	25	2 50	
Batemanni. Richly colored, unspotted flowers of bright apricot tint; a most beautiful variety; 3 to 4 feet high.....	25	2 25	
Krameri. White, slightly tinged with red; sweet-scented.....	20	2 00	
Leichtlinii. Orange-red, with crimson spots; 2 to 3 feet high.....	25	2 25	

Lilium candidum

VARIOUS LILIES

Postage on these sorts 2 to 10 cents each, according to size

	Each	Doz.
Bloomerianum. Orange, spotted dark maroon, with a crimson circle around each spot.....	$0 40	$4 00
Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare.....	60	6 00
Brownii. Most beautiful flowers of immense size, inside creamy white, outside shaded chocolate-purple; a splendid pot-plant; 2½ to 3½ feet high....	60	5 50
Canadense. Native "Meadow Lily." Graceful, drooping, bright yellow flowers, spotted red; 1½ to 3 feet	10	1 00
Canadense rubrum. Red flowers.....	12	1 25
Candidum (Madonna Lily). (St. Joseph's Lily.) The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet.....$8 per 100.	12	1 25
Colchicum (*Monadelphum*). Citron; black spots; a splendid Lily; 2 feet....	40	4 00
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant.....	50	5 00
Excelsum (*Testaceum*). Lovely cream-colored flowers, tinged with apricot; very fragrant; 5 feet.....	40	4 00
Giganteum. A magnificent species, growing 6 to 10 feet high, and bearing many large, funnel-shaped flowers 5 to 6 inches long; color white, with purple throat; extra-large bulbs.....	3 00	
Henryi (Orange-yellow Speciosum). Very tall-growing variety; deep orange-yellow flowers, growing in great profusion when the plants are well established ...	60	6 00
Humboldtii. A beautiful Lily, with orange-red flowers, spotted claret. Large bulbs, 9 to 15 in...	60	6 00
Magnificum (*Native*). Grows about 10 feet high and produces large flowers on stout, leafy stems. Orange, spotted dark maroon, with a crimson circle around each spot.....	1 00	9 00
Martagon. Purple; 2 to 3 feet.....	20	2 00

Lilium Washingtonianum

VARIOUS LILIES, continued

	Each	Doz.
Pardalinum Hybrids (Leopard-spotted Lily). Colors vary from clear orange to orange with crimson tips, and all spotted	$0 35	$3 50
Parryi. Large, pale yellow flowers; very rare	70	7 00
Parvum. Orange-yellow, spotted purple; 2 feet high	55	5 50
Philadelphicum. Bright orange-red, with black spots; 2 feet high	12	1 25
Pomponium. Bright red; very handsome; 1½ to 3 feet	25	2 50
Roezlii. Brilliant orange-red flowers, spotted dark purple, and with the petals reflexed to the base	50	5 00
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted; 4 feet	10	1 00
Tenuifolium (Siberian Coral Lily). Nodding rich scarlet flowers; 1½ feet	12	1 25
Thompsonianum. Rose	20	2 00
Thunbergianum biligulatum	15	1 50
Thunbergianum atrosanguineum (fulgens). Deep red	30	3 00
Thunbergianum Kikak. Apricot-yellow, spotted black; 3 feet	15	1 50
Thunbergianum, Prince of Orange. Orange-yellow; 1 foot	25	2 50
Thunbergianum Van Houttei	30	3 00
Tigrinum (Tiger Lily). Orange-salmon, spotted black.	$3 per 100 .. 07	60
Tigrinum splendens. Rich scarlet, with black spots; large roots	$4 per 100 .. 08	75
Tigrinum flore pleno (Double Tiger Lily). Bright orange-red, black spots	$5 per 100 .. 10	80
Umbellatum erectum. Dark red and orange	12	1 25
Umbellatum grandiflorum. Orange-red	15	1 50
Umbellatum incomparabilis. Dark red	12	1 25
Umbellatum, Mixed.	10	1 00
Wallacei. Orange-red, with maroon spots; late-flowering	12	1 25
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet high. 8- to 9-in. bulbs	40	4 00

LILY-OF-THE-VALLEY (*Convallaria majalis*)

READY IN NOVEMBER AND DECEMBER

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fiber in vases.

Clumps. Fine large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. 30c. each, $3 per doz., $20 per 100.

Pips for Forcing. 50 cts. per bundle of 25, $1.60 per 100, $13.50 per 1,000.

Above prices do not include cost of transportation

Lily-of-the-Valley

CHINESE SACRED LILY

(The Water Fairy Flower)

READY IN SEPTEMBER

If ordered by mail, add 5c. each or 25c. per doz. for postage

A variety of the Polyanthus Narcissus, imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. **Price, usual size bulbs, 10 cts. each, $1 per doz.; Mammoth size bulbs, 15 cts. each, $1.50 per doz.**

ANEMONE, or WINDFLOWER

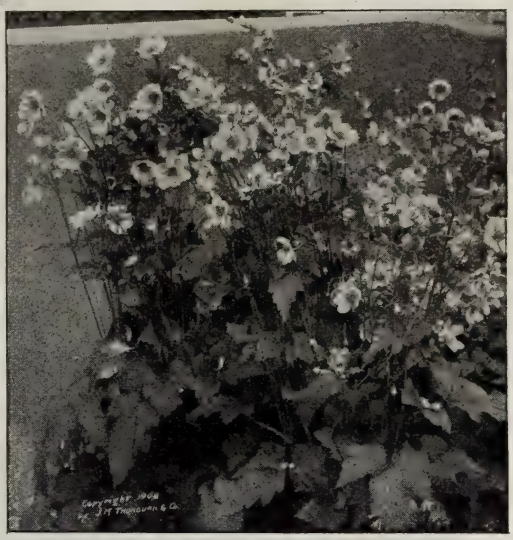
Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

If ordered by mail, add 15 cts. per 100 for postage

CORONARIA, or POPPY-FLOWERED ANEMONE

READY IN SEPTEMBER

	Each	Doz.	100
Caen Mixed (The Giant French or Poppy-flowered Anemone). Great variety of finest colors. 3 for 10c..		$0 25	$1 25
St. Brigid. Semi-double; gracefully incurved flowers	$0 06	50	3 00
Blue, Incomparable. Double	05	40	2 50
" **Double Mixed**	05	35	2 00
" **Single.** Light colors	05	30	1 75
Scarlet, Feu Superbe. Bright; double	06	50	3 00
" **Double Mixed**	07	60	3 50
" **Single Mixed**	05	30	1 50
White Ceres. Double; tinted rose	05	40	2 50
" **The Bride.** Single; pure white 3 for 10c.		25	1 25
Rose, Rosette. Double rose; extra large	05	40	2 50
" **Leverrier.** Double	05	40	2 50
Striped, Thalia. Double	05	40	2 50
Double. Mixed colors 3 for 10c.		25	1 25
Single. Mixed colors 2 for 5c.		20	1 00



Anemone Japonica

ANEMONE SPECIES

If ordered by mail, add 15 cts. per 100 for postage

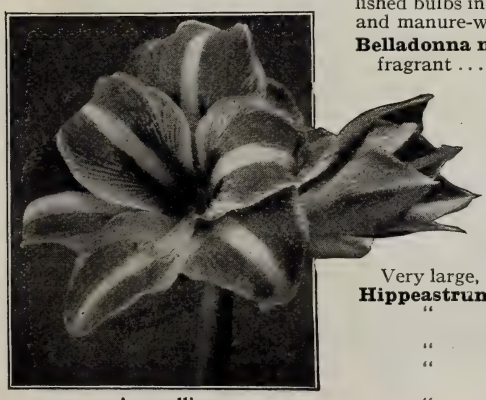
READY IN NOVEMBER

	Each	Doz.	100
Apennina, Blue. Very charming clear blue, star-shaped flowers; excellent for naturalizing; early flowering	$0 05	$0 30	$1 50
Apennina, White. A variety of the above	05	30	1 50
Fulgens. Dazzling vermilion or scarlet; flowers very early in the spring. It does best in a good loam and in a moist situation. A fine pot-plant for house decoration	06	50	3 00
Japonica alba. Large, pure white; invaluable for cutting	06	50	3 00
Japonica rosea. Large, rosy carmine, 2 to 2½ inches	$0 06	$0 50	3 00
" **Queen Charlotte.** Light pink; semi-double	07	60	3 50
" **Lady Ardilaun.** A greatly improved Alba, with larger flowers of greater substance	08	65	4 00
" **Whirlwind.** It bears in profusion large, semi-double, pure white flowers of great substance. Splendid for cut-flowers	06	50	3 00
Sylvestris (Snowdrop Windflower). Very beautiful, pure white	08	70	4 50

AMARYLLIS **READY IN OCTOBER**

Cost of transportation not included in prices quoted

Extremely ornamental greenhouse plants, with large, fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mold, or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top-dressing each year when starting, and manure-water during the growing season.



Amaryllis

	Each	Doz.
Belladonna major. Violet and white; flowers in large umbels; fragrant	$0 20	$2 00
Formosissima (Jacobæan Lily)	12	1 00
Josephine (Gigantea). Very fine scarlet; flowering in immense umbels; these are extra-sized bulbs	6 00	
Longifolia rosea. Rose; hardy	20	2 00
" **alba.** White; hardy	20	2 00
Lutea (Sternbergia). Hardy, autumn-flowering variety, with bright yellow, crocus-like flowers	per 100, $6.. 12	1 00
Hippeastrum Aulica (Lily-of-the-Palace). Very large, handsome flowers; crimson shaded with green	1 00	
Hippeastrum Cleopatra. Red, white margined	3 50	
" **Crocea grandiflora.** Bright orange, white-striped	2 00	
" **Graveana.** Dark orange	1 50	
" **Johnsonii** (Spice Lily). Beautiful flowers; crimson, striped white; large bulbs	60	6 00
" **Prince of Orange.** Bright orange; beautiful	3 00	

Begonia crispa

Begonia grandiflora

TUBEROUS-ROOTED

READY IN NOVEMBER AND DECEMBER

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Splendid pot-plants for the house or greenhouse and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in hotbed in March and April. The hollow end of the bulb should be up and but slightly covered. They should get very little water until the plants are growing.

	Each	Doz.	100
Single Crimson	$0 06	$0 40	$2 50
" **Scarlet**	06	40	2 50
" **Rose**	06	40	2 50
" **White**	06	40	2 50
" **Yellow**	06	40	2 50
" **Pink**	06	40	2 50
" **Mixed**	06	40	2 50
Double White	08	60	3 50
" **Yellow**	08	60	3 50
" **Scarlet**	08	60	3 50
" **Rose**	08	60	3 50
" **Mixed**	08	60	3 50

BEGONIA CRISPA (Single-fringed Begonias)

These new Begonias have beautifully shaped, gracefully frilled and crested flowers borne above the foliage on long and erect stems. A fine strain with a great future. **Red, Rose, White, Yellow** and **Salmon.** 15 cts. each, $1.25 per doz.

BRODIAEA **READY IN SEPTEMBER**

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Pretty bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems, and umbels of lily-like flowers. For forcing or outdoor culture. Do best in rich, sandy loam. If grown in pots a compost of loam, leaf-mold and sand is best. All are hardy except Coccinea, which should have some protection and partial shade.

	Each	Doz.	100
Capitata. Blue	$0 05	$0 40	$2 50
Coccinea (Floral Fire Cracker). Rich blood-crimson, tipped white	07	60	3 50
Congesta. Tall-growing; purple flowers	05	35	2 00
Grandiflora. Deep purple flowers; large and showy	05	40	2 50
Lactea. White, with green stripes	05	40	2 50
Ixioides splendens. Large, light yellow flowers	07	60	3 50
Peduncularis. Porcelain-white flowers in immense umbels	07	60	3 50
Stellaris. Intense purple flowers, with white centers, borne on short stems and forming a starry clump	07	60	3 50

Brodiæa coccinea

CALOCHORTUS (Mariposa Lily, or Butterfly Tulip)

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam. Though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and pots.

	Each	Doz.	100
Albus. Pearly white; rich blotch	$0 05	$0 40	$2 50
Amabilis. Very pretty golden yellow	05	40	2 50
Benthami. Yellow, black spots	05	40	2 50
Lilacinus. Large, finely formed lilac flowers	05	40	2 50
Luteus. Light yellow	05	40	2 50
Maweanus major. White ground, open cup filled with fine blue hairs	05	40	2 50
Nitidus. Lilac with large indigo blotch in middle of petal	07	60	3 50
Pulchellus (true). Fine; light yellow	10	90	6 00
Splendens, type. Lilac	$0 07	$0 65	$4 50
Venustus oculatus. Creamy white			
" flowers, varying to sulphur and purplish tints	05	40	2 50
" var. **Citrinus.** Deep, rich lemon, with vivid dark maroon eyes	05	40	2 50
" **Eldorado, Mixed**	07	60	4 00
Mixed Mariposa Tulips	05	40	2 50
" **Star Tulips**	05	40	2 50
" **Globe Tulips**	05	40	2 50
" **Eldorado Tulips**	06	55	3 50

CROCUS

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful.

For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

If wanted by mail, add 4 cts. per doz. or 20 cts. per 100 for postage

Not less than one dozen sold

	Doz.	100	1,000
White	$0 10	$0 50	$4 00
Blue and Purple Mixed	15	85	7 00
Striped and Variegated	10	50	4 00
Yellow	15	75	6 00
Mammoth Yellow	25	1 25	10 00
Large Scotch. White, with purple stripes	20	1 00	7 50
Cloth of Gold. Golden yellow, striped brown	15	80	6 00
Cloth of Silver. Light blue, striped	15	80	6 00
Mixed Colors	10	45	3 50

Crocus

HYBRID NAMED CROCUS

Remarkable for richness of color and immense size. These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. The flowers are produced very early, and the mowing later on will not seriously injure the Crocus bulbs.

If wanted by mail, add 5 cts. per doz. or 25 cts. per 100 for postage

	Doz.	100	1,000
Albion, Striped	$0 15	$0 85	$7 00
Albion, Purple	15	85	7 00
Caroline Chisholm. Pure white	15	85	7 00
David Rizzio. Purple	15	85	7 00
King of the Blues. Very large	15	85	7 00
La Majestueuse. Violet-striped	$0 15	$0 85	$7 00
Mad. Mina. Violet and white	15	85	7 00
Mammoth. White	15	85	7 00
Queen of the Whites. Large, pure white	15	85	7 00
Sir Walter Scott. Violet-white	15	85	7 00

Not less than one dozen of a kind at dozen rate.

Crown Imperial

CROWN IMPERIALS

(*Fritillaria imperialis*)

A stately growing plant, with dark green foliage and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are all the better for being planted in good, rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

READY IN SEPTEMBER

If ordered by mail, add 3 cts. each for postage

	Each	Doz.
Aurora. Red	$0 20	$2 00
Crown on Crown. Red	20	2 00
Single Red	20	2 00
Single Yellow	25	2 50
Gold-striped Leaved. Crimson flower; variegated foliage	40	4 00
Silver-striped Leaved	40	4 00
Large Double Red	85	
Large Double Yellow	85	
Maximus, Red	30	3 00
Fine Mixed Varieties	per 100, $8.	15 1 25

Cyclamen

CYCLAMEN

MOST OF THEM READY IN NOVEMBER

If wanted by mail, add 8 cts. per doz. for postage

When well grown it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white and of much elegance of form in flower and plant. The soil best suited to them is a fresh, turfy loam, with a fourth to a fifth of well-rotted horse manure, to which add some clean sand if the soil is heavy. Plant so as to leave the top of the bulb just below the surface. We offer seed of our superb strain of *C. giganteum* at the end of this catalogue.

	Each	Doz.
Coum. Crimson; round-leaved	$0 15	$1 50
Europaeum roseum. Very showy, rosy red. Hardy	15	1 50
Giganteum, Rose	20	2 00
" **Dark Crimson**	20	2 00
" **White "Mont Blanc"**	20	2 00
" **Mixed**	20	1 75
Hederaefolium album. Autumn-flowering	20	2 00
" **rubrum.** Autumn-flowering	15	1 50
Neapolitanum. The Ivy-leaved Cyclamen. Hardy	15	1 50
Repandum. Rosy red with purple eye	15	1 50

CRINUM

Splendid large-flowering bulbs, closely allied to the Amaryllis. The most suitable soil is a compost of turfy loam, cow-manure and some sand. They should be grown in large pots or tubs, about three-fourths of the bulb being out of the soil. In late fall they should be removed to a coolhouse and allowed to rest until new leaves begin to appear in February. The bulbs should receive a top-dressing each year when starting, and manure-water during the growing season. They may be placed outside when warm weather begins, and will flower all through the summer, making splendid lawn or veranda plants.

	Each
Giganteum, Giant White. Immense bulbs; large white flowers; bloom all summer; very fragrant. Water plentifully while growing	$2 00
Amabile, Giant Pink. Extra-large, bright pink, with white stripe; splendid flower; enormous bulb. This and the Giant White are unsurpassed for growing in tubs, blooming profusely outside all summer	2 00
Kirki. Large umbels of beautiful pure white flowers, with purple stripe in center of each petal	75
Powelli. It produces long stems, bearing at the top five to eight large, dark rose, bell-shaped flowers 3 to 4 inches long	30
Powelli album. Pure white	50
Powelli intermedium. Light rose	50

Above prices do not include transportation charges

ERYTHRONIUM

(Dog's-tooth Violets) **READY IN SEPTEMBER**

If wanted by mail, add 3 cts. per doz. or 15 cts. per 100 for postage

Very ornamental, hardy, bulbous plants of neat and dwarf habit. They succeed in almost any light soil, but prefer a mixture of loam and peat. They should be planted in groups, and do well in a sheltered position on rockeries, or in mixed flower or shrubbery borders.

	Each	Doz.	100
Americanum. Bright yellow flowers; mottled leaves; segments recurved	$0 10	$0 75	$5 00
Californicum. Cream-yellow, with maroon band at base; leaves very richly mottled. The finest of all	05	40	2 50
Giganteum (Giant Dog's-Tooth Violet) Very large straw-colored flowers, with orange center, borne on long, slender stems; the foliage is richly mottled in dark brown and its elegant habit makes it a very attractive pot-plant for window decoration	08	65	4 50
Citrinum. Leaves mottled; flowers yellow	08	65	4 50
Grandiflorum robustum. Finest yellow	08	65	4 50
Purpurascens. Bright yellow, turning to purple; flowers from 6 to 12 inches high	08	65	4 50
Mixed	05	40	2 50
Dens-canis (Dog's-tooth Violet). Mixed colors, very pretty; leaves blotched in brown and white	3 for 10 cts.	25	1 25

Erythronium

FREESIA

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs, we may say that they are quite small, but produce large blooms in comparison to their size.

Freesia refracta alba. The body of the flower is pure white, with lower segments spotted lemon-yellow. Their fragrance is remarkable and very lasting.

	Doz.	100	1,000
First Size Bulbs	$0 25	$1 50	$12 00
Second Size Bulbs	20	1 25	9 00
Freesia, "Purity." Magnificent glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing 8 to 10 buds, five to six of which are frequently open at the same time	60	3 50	
Freesia refracta red	25	1 50	12 00
Freesia Leichtlinii major. Creamy white, shading to yellow, with orange blotch; distinct.	45	2 50	

Freesia refracta alba

FRITILLARIA

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Graceful, hardy, spring-flowering, bulbous plants, thriving in good, rich, well-drained soil. They are effective in mixed flower borders, and they also make excellent pot-plants.

	Each	Doz.	100
Coccinea. Narrow, tubular flowers of a deep, glowing red color	$0 10	$0 80	$5 00
Lilacea. Flowers white; easily grown	10	1 00	6 50
Pluriflora. Large, strong-growing plant, with beautiful reddish purple flowers blooming very early	12	1 25	7 50
Persica. Purplish brown; handsome	$0 25	$2 00	$12 00
Recurva. Very fine. The flowers are between tubular and bell-shaped and of a brilliant orange-scarlet color	08	65	4 50
Meleagris (Guinea-fowl Flower). Mixed colors	3 for 10c.	25	1 50

Fritillaria imperialis. See Crown Imperials, page 17.

GLADIOLUS **READY IN NOVEMBER**

If wanted by mail, add 5 cts. per doz. or 30 cts. per 100 for postage

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in a warm room or greenhouse, except Byzantinus, which is hardy, and may be planted out; it is best, however, to give it slight protection. Some varieties are successfully forced.

The French Hybrids, for spring planting, will be in by November. These form a family of bulbs of rare beauty. Every year is adding varieties of most exquisite tint and shade; and, from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding.

Named varieties will be found in our General Catalogue, published January 1.

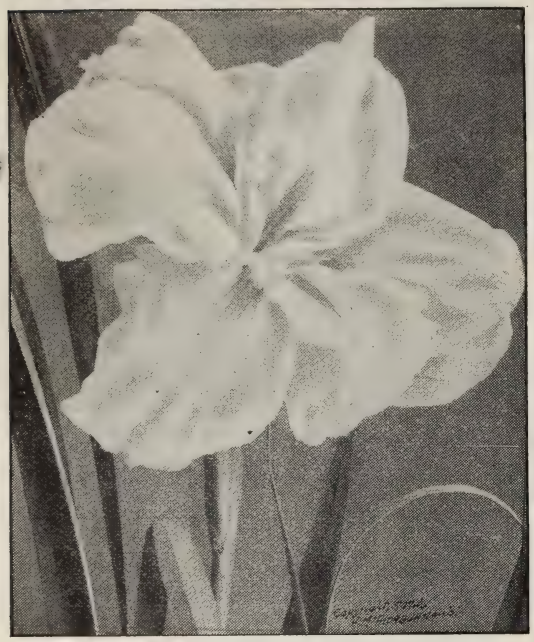
	Each	Doz.	100
Brenchleyensis. Brilliant scarlet	$0 05	$0 35	$2 00
Byzantinus. Delicate purple; hardy	05	35	2 00
Cardinalis, Blushing Bride. Beautiful ivory-white, with crimson flakes	3 for 10c.	25	1 25
" **Ackermanni.** Salmon-orange with white blotch	3 for 10c.	25	1 25
" **Crimson Queen.** Deep crimson	05	35	2 00
" **Peach Blossom.** Beautiful rose	05	35	2 00
Colvillei. Purple striped	3 for 10c.	25	1 25
" **albus, "THE BRIDE."** White; for forcing	3 for 10c.	25	1 25
" **rosea.** Pink (true)	3 for 10c.	25	1 25
PRIMULINUS. Very rare species from Victoria Falls, South Africa; grows 3 to 4 feet tall and is very vigorous. The flowers are of good size and are a clear primrose-yellow. Blooms late in July. Genuine stock	30	3 00	20 00
PRIMULINUS HYBRIDS. Hybrids of the above, with many related species and choice garden varieties. Extremely vigorous and healthy grower, blooming in July and August. Grows 3 to 5 feet high, with long spikes of richly colored blooms, varying in color from clear yellow to crimson, the latter with large soft orange or golden throats	20	2 00	12 00
Ramosus, Ne Plus Ultra. Crimson and white blotch	08	60	3 50
" **Prince Albert.** Rosy; free-blooming	08	60	3 50
" **Queen Victoria.** Salmon-scarlet, feathered pure white	10	80	5 50
" **In mixture**	08	60	3 50
Mixed Lemoines	05	35	2 00

GLOXINIAS READY IN NOVEMBER

If wanted by mail, add 8 cts. per doz. for postage

Gloxinias are among the most beautiful of greenhouse plants, being remarkable for the intensity and variety of their colorings, and the exquisite manner in which they are often blotched, mottled, penciled and blended. The plants are extremely floriferous, and, by making successive pottings, they may be had in bloom the greater part of the year. They thrive best in a soil composed of leaf-mold and peat in equal parts, with a little sand added. When growing, plenty of water should be supplied, but it should always be tepid. The bulbs we offer are large-sized, and of erect-flowering strain:

		Each	Doz.	100
Crassifolia erecta, Red	3 for 25c...	$0 10	$0 70	$4 00
" " **White**	3 for 25c...	10	70	4 00
" " **Blue**	3 for 25c...	10	70	4 00
" " **Spotted**	3 for 25c...	10	70	4 00
" " **Mixed**	3 for 25c...	10	70	4 00



Large-flowered Japan Iris

IRIS (Fleur-de-Lis)

READY IN OCTOBER AND NOVEMBER

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil, and in a sunny situation. Good drainage is important. The varieties of *Iris Kæmpferi*, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 or 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing. With the exception of Morea pavonia and Tuberosa, all varieties are hardy.

SUPERB COLLECTION OF LARGE-FLOWERED JAPAN IRIS (*Iris Kaempferi*)

READY IN NOVEMBER

We are importing from Japan a large supply of the following eighteen of the best of these magnificent Irises, which excel in size, perfection of form and richness of color. These are most valuable for cut-flowers and table decoration—as handsome as orchids. Flowers should be cut in the early morning or after sunset. They come in large clumps. *The descriptions given are those furnished us by the growers in Japan.*

25 cts. each, $2.50 per doz., $17 per 100. Transportation charges extra

Biwa-no-umi. White, feathered purple, sky-blue at edges, primrose blotches; large flower. 3 petals.

Boteki-no-Koe. Pure white, heavily veined lavender, with pale primrose blotches; standards wine-color, lighter toward edges, stigmas lavender; striking. 3 large petals.

Datedogu. Rich claret-red, yellow blotches. 3 petals.

En-u-no-Sora. Rosy lavender petals, light purple toward the center, large primrose blotches; standards white, veined and edged claret-red. 3 petals. Large and distinct.

Hakubotan. Large; pure white, with light primrose blotches; full flower.

Ho-o-jo (Ho-o-castle). Ruby-crimson, primrose blotches; standards white and lavender.

Kagura-Jishi. Blush-white, radiating to bright claret-red on outer edge of petals. Light yellow blotches.

Ran. Royal-purple, edged lavender, with large primrose blotches; standards wine-red, white at bases. 6 petals. Large and distinct.

Sassa-no-Koe. White, veined wine-red and blotched yellow; standards lavender, running to purple at edges. 3 petals.

Shippo. (Cloisonne.) Rich tyrian-blue, edged purple and veined white, yellow blotches; standards white and wine-color. Large flowers.

Shiraito-no-Taki. Sky-blue, radiating to light purple at edges, large yellow blotches; standards white, pale blue and purple; distinct. 3 petals.

Shi-un. Rich purple, with large primrose blotches; large, full flower. 6 petals.

Sui-Ren. Very pale lavender, darker at edges, with yellow blotches. 6 petals.

Taki-no-shiose. Large flower; pure white, with primrose blotches. 6 petals.

Tatsuta-Gawa. Blush-white, radiating to claret-red at edges; primrose blotches. 3 petals.

Yamato-Nishiki. Pale lavender, running to purple on outside of petals, blotched and flaked dark purple; large primrose blotches; immense flower. 3 petals.

Yedo-Jiman. Royal-blue; large petals; standards purple. 3 petals.

Yodokuruma. Pale wine-color, veined darker, large orange blotches; standards very erect. Gigantic blooms. 3 petals.

SPANISH IRIS (*Iris Hispanica*)

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Not less than one dozen at dozen rate

Very profitable for florists, who are planting them largely for cut-flowers. Plant in beds in the open as soon as received in the autumn, and protect slightly in the winter months. In the beginning of April cover the beds with glass, so as to have the flowers ready for cutting in May.

SPANISH IRIS, continued

		Doz.	100
Belle Chinoise. Yellow; extra	3 for 10c.	$0 20	$0 90
British Queen. Large; pure white	3 for 10c.	20	90
Chrysolora. Bright yellow	3 for 10c.	20	90
Darling. Bright blue	3 for 10c.	20	90
Gold of California. Beautiful deep golden	3 for 10c.	20	90
Helena. Pale blue, shaded lilac	3 for 10c.	20	90
La Candeur. Pure white	2 for 5c.	15	60
Louise. Pale blue, slightly spotted	3 for 10c.	20	90
Prince of Orange. Bronze and orange	3 for 10c.	20	90
Reconnaissance. Bronze and orange	3 for 10c.	20	90
Snowball (Blanche Fleur). White	2 for 5c.	15	60
Thunderbolt. Velvety dark bronze; large flower	3 for 10c.	20	90
Superfine Mixed	per 1,000, $3.50, 2 for 5c.	15	50

VARIOUS IRIS

Postage 5 cts. to 10 cts. per dozen extra, according to variety

	Each	Doz.	100
Anglica Mont Blanc. Pure white English Iris	$0 05	$0 40	$2 50
Anglica (English Bulbous). Mixed colors	3 for 10c.	25	1 25
Alata (The Scorpion Iris). Sweet-scented, sky-blue flowers; also fine for pots	10	75	5 00
Cristata. Lilac, with yellow throat	08	60	3 50
Florentina alba. Beautiful satiny white flowers	05	40	2 50
Morea pavonia (Peacock). Pretty	05	30	1 75
Persica (The French Fleur-de-Lis). Early dwarf Persian; fine for forcing	25	2 50	
Siberica. Mixed	06	50	3 50
Stylosa. Blue	10	1 00	
" **alba.** White, fine winter cut-flower	10	1 25	
Susiana major (Chalcedonian Iris). Bluish, tinted brown, dark lines	15	1 50	10 00

IXIAS READY IN OCTOBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100

The Named Hybrid Ixias are beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for the open ground, exceedingly free-flowering, and invaluable for cutting. If planted out, they require more slight covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

	Each	Doz.	100
Ambassador. Carmine-violet	$0 05	$0 35	$2 00
Bucephalus major. Rich crimson; very fine	05	35	2 00
Conqueror. Large; white, with purple eye	05	40	2 50
Crateroides major. Bright crimson	07	60	3 50
Duchess of Edinburgh. White, red-striped	05	40	2 25
Favorite. Sulphur-yellow	05	35	2 00
Gem. Cream, black center	05	35	2 00
Golden Drop. Golden yellow, dark center	05	35	2 00
Hypatia. White, flushed lilac	05	35	2 00
Mozart. Dark yellow, black eye	05	35	2 00
Princess Alexandra. Pale straw color	05	35	2 00
Sarniensis fl. pl. White and red; double	05	35	2 00
Vulcan. Orange-red, black center	05	35	2 00
In Splendid Mixture.	per 1,000, $4; 2 for 5c.	20	75

LACHENALIA READY IN SEPTEMBER

If wanted by mail, add 5 cts. per dozen for postage

Very pretty, spring-flowering, greenhouse bulbous plants of elegant habit and with brightly colored flowers. They should be grown in pots, four to six bulbs in a 5-inch pot, in a compost of two parts loam, two parts leaf-mold and one part each of peat, sand and well-rotted cow manure. Apply but little water until growth is somewhat advanced, but give more freely as the foliage develops; give them plenty of light and air and keep near the glass to ensure sturdy growth. Lachenalias are also excellent subjects for hanging baskets.

	Each	Doz.
Luteola. Pale yellow flowers flushed with green	$0 25	$2 50
Nelsoni. Rich golden yellow; very fine	35	3 50
Pendula. Very handsome, large and showy species, with broad foliage and rich red flowers tipped with black	25	2 50
Quadricolor. Bright green, red and yellow flowers	40	4 00
Tricolor. Red, yellow and green	40	4 00

MONTBRETIA READY IN NOVEMBER

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Hardy, summer-flowering bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and general decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil and a sunny position suit them. The following are the handsomest and most distinct varieties.

	Each	Doz.	100
Bouquet Parfait. Large; bright vermilion flowers, with deep yellow centers	$0 05	$0 40	$2 00
Crocosmiaeflora. Large, bright orange, tinged scarlet	05	40	2 00
Eldorado. Dwarf; free-blooming; large, golden yellow flowers	05	40	2 00
Elegans. Bright yellow, outside streaked with vermilion; extra fine	05	40	2 00
Etoile de Feu. Bright vermilion, with deep yellow center; large	05	40	2 00

MONTBRETIA, continued

	Each	Doz.	100
Golden Sheaf. Bright yellow	$0 05	$0 40	$2 00
Pottsii. Orange and scarlet; very free-flowering	05	40	2 00
Soleil couchant (Sunset). Golden yellow	05	40	2 00
Sunbeam. Rich yellow, spotted brown; large flowers	05	40	2 00

MUSCARI

Commonly called Grape, Nutmeg, Feathered, Etc., Hyacinths

If wanted by mail, add 5 cts. per doz. or 30 cts. per 100 for postage

Very pretty hardy bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots among short grass. They succeed in almost any soil and situation and require little care. Also suitable for growing in pots in the house, five or six bulbs in a pot.

	Each	Doz.	100
Muscari, Botryoides coeruleum. Blue Grape Hyacinth	2 for 5c.	$0 20	$0 80
" " **album.** White Grape Hyacinth	3 for 10c.	25	1 25
" **commutatum.** Dark blue	$0 05	35	2 00
" **comosum.** Blue Tasseled Hyacinth	10	45	3 00
" **Heavenly Blue.** Light blue; strong-growing variety	05	35	2 00
" **plumosum.** Large Feathered Hyacinth	05	35	2 00
" **monstrosum.** Purple Feathered Hyacinth	05	35	2 00
" **racemosum.** Blue Starch Hyacinth	05	40	2 50
Hyacinthus candicans. A snow-white, summer-flowering giant Hyacinth	06	50	3 00

NERINE READY IN OCTOBER AND NOVEMBER

If wanted by mail, add 4 cts. each for postage

Very beautiful greenhouse bulbous plants succeeding best in pots in light soil—say a compost of loam, leaf-mold and sand. Frequent repotting is not advisable, but an annual top dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die they should be kept quite dry in a cool place until they begin to grow again.

	Each
Crispa. Very handsome scarlet flowers	$1 00
Flexuosa. Bright crimson-scarlet, tinged with orange	1 50
Fothergilli major. A magnificent plant for house or conservatory. Intense shining scarlet, by artificial light the crystalline cells of the petals sparkle like jewels. Flowers freely	1 50
Sarniensis (True Guernsey Lily). Flowers brilliant crimson, in large clusters. The best known sort	50
Undulata. Rosy carmine, edged white; very handsome	75

OXALIS READY IN SEPTEMBER

If wanted by mail, add 3 cts. per doz. or 15 cts. per 100 for postage

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

	Each	Doz.	100
Buttercup. A splendid winter-blooming plant for pot-culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot. First-size.	$0 05	$0 40	$2 00
Bowiei. Crimson	05	30	1 50
Grand Duchesse, grandiflora alba. White	05	40	2 00
" " " **Lavender**	05	40	2 00
" " " **Pink**	05	40	2 00
" " " **Yellow**	05	40	2 00
Lasiandra. Violet-purple; fine large flowers; very showy	05	35	1 75
Lutea, Single. Yellow	3 for 10c.	25	1 25
" **Double.** Yellow	05	45	2 50
Mammoth Pink	05	45	2 50
Multiflora alba	05	40	2 00
Rubella. Purple	05	35	1 75
Mixed	3 for 5c.	15	75

PAEONIES READY IN OCTOBER

If wanted by mail, add 5 cts. each for postage

The old-fashioned double Pæonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Pæonies rank about first for lawn or flower-border or shrubbery decoration. They are all hardy. We offer only strong, flowering roots, **with not less than three eyes.**

HERBACEOUS CHINESE PAEONIES (*Paeonia Chinensis*)

	Each	Doz.
Alba plena. Pure white; fragrant	$0 25	$2 50
Alba superba (Potsii). Creamy white center, rosy border	35	3 50
Asa Gray. Rosy carmine; superb	50	5 00
Boule de Neige. Sulphury white; center leaves with rosy borders	40	4 00
Comte de Niepperg. Bright carmine; early	$0 40	$4 00
Duchesse de Nemours (Calot). White.	40	4 00
Festiva. White, with rosy spots	40	4 00
Festiva maxima. White	40	4 00
Gigantea. Fine pink; early; fragrant	40	4 00
Hamlet. Pink flowers on long stems	40	4 00

HERBACEOUS CHINESE PAEONIES. continued

	Each	Doz.
Humei carnea. Tender; rosy, passing to white	$0 35	$3 50
Jeanne d'Arc. Rose, sulphur and rosy white center	35	3 50
Louis Van Houtte. Cherry-color, with purplish reflection	35	3 50
Madame Geissler. Rosy lilac; large flower; early	45	4 50
Nobilissima. Bright rosy lilac; large flower; early	30	3 00
Queen Victoria. Rose; dark rose center.	30	3 00
Rose d'Amour. Rose; fine shape	35	3 50
Solfatare. Dark sulphur	30	3 00
Thorbecki. Tender rose, center deep rose	30	3 00
Washington. Rosy	35	3 50
Double Mixed, All White	20	2 00
" " **All Crimson**	20	2 00
" " **All Rose**	20	2 00
" " **Many Colors**	20	2 00

JAPANESE TREE PAEONIES

(*Paeonia arborea*)

These are very beautiful and free-flowering, and bloom two or three weeks earlier than the herbaceous sorts. We are importing an assortment of the following fine named varieties:

$1.50 each

Atropurpurea. Half-double flower; purple.
Berenice. Rosy lilac; enormous flower.
Comata. White and lilac mixed.
Comtesse de Tuder. Tender rosy white; very double. Fine shaped flower.
Elisabeth. Brilliant pink; one of the largest flowers.
Fragrans maxima plena. Brilliant salmon-rose; very large, double flower.

Herbaceous Pæony

PAEONIA TENUIFOLIA

Very elegant plants with narrow-leaved, feathery foliage.

	Each	Doz.
Double-flowering. Rich crimson	$0 40	$4 00
Single-flowering. Rich crimson	25	2 50

PAEONIA OFFICINALIS

	Each	Doz.
Anemonaeflora. Crimson; single anemone-flower shape	$0 40	$4 00
Atro-rubra plena. Dark red; double	25	2 50
Mutabilis plena. Tender rose, passing to white; double	30	3 00
Splendens. Dark red; half-double flower	35	3 50

RANUNCULUS READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Yellow Spotted-leaf Calla

The main soil for these should be loam or clay, with a good dressing of rotted manure and leaf-mold; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

PERSIAN RANUNCULUS

	Each	Doz.	100
Belladonna. White	$0 05	$0 30	$1 50
California Gold. Yellow	05	30	1 50
Jaune Supreme. Splendid yellow	05	30	1 50
Kiskoy. Purple	05	30	1 50
Queen of the Netherlands. Violet-black	05	30	1 50
Saturnus. Crimson	05	30	1 50
Fireball. Brilliant scarlet	05	30	1 50
Persian Mixed	3 for 5c.	15	80
French Mixed	3 for 5c.	15	80

TURBAN RANUNCULUS

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	Each	Doz.	100
Grandiflora. Crimson	$0 05	$0 30	$1 50
Romano. Scarlet	05	35	2 00
Seraphique. Citron	05	30	1 50
Souci Dore. Orange	05	30	1 50
Viridiflora. Scarlet; green center	05	35	2 00
Mixed Turban.	2 for 5c.	20	1 00

Scilla Siberica

RICHARDIA (Calla)

READY IN OCTOBER AND NOVEMBER

Add 3 cts. each or 20 cts. per doz. for postage, if wanted by mail

Tall-growing, bulbous perennials of graceful habit, and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow-manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting in September.

	Each	Doz.	100
White Calla, or **Lily of the Nile** (*Calla Æthiopica*). Large, white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. Largest size bulbs.	$0 25	$2 00	$12 00
"Little Gem" Calla. Very neat, dwarf habit; makes an excellent pot plant	08	75	5 00
Black Calla. See *Arum Palæstinum sanctum.*	20	1 25	8 00
Red Calla (*Arum cornutum*). Flowers red, spotted black; stem mottled; a handsome pot-plant	20	1 75	10 00
ELLIOTTIANA, Yellow, Spotted Leaf. Dark green leaves, spotted silvery white	30	3 00	

SCILLAS **READY IN SEPTEMBER**

If ordered by mail, add 5 cts. per doz. for postage, except Peruviana, for which add 2 cts. each

S. Peruviana requires slight protection; all the others are quite hardy, and may remain in the ground several years. The effect in early spring of the intensely rich blue, early-flowering Scilla, contrasting with the snow-white of the Snowdrop and the varied hues of the Crocus, is very striking; most valuable for permanent edging, or planted in bunches of a dozen or so.

	Each	Doz.	100
Siberica. Blue	$0 05	$0 35	$1 75
" **alba.** White-flowered variety of the above	05	40	2 50
Bifolia. Blue	05	35	1 75
Campanulata (Wood Hyacinth). Blue	05	30	1 50
" **alba.** White	05	35	1 75
" **rosea.** Rose	05	35	1 75
Nutans cœrulea (Nodding Squills). Blue	05	35	2 00
" **rosea.** Rose	05	40	2 50
Peruviana alba (White Cuban Lily)	20	2 00	
" **cœrulea** (Blue Cuban Lily)	20	2 00	

SNOWDROPS (*Galanthus nivalis*) **READY IN SEPTEMBER**

If wanted by mail, add 3 cts. per doz. or 15 cts. per 100 for postage

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

Single-flowering Snowdrops. 20c. per doz., $1 per 100, $7 per 1,000.

Double-flowering Snowdrops. 25c. per doz., $1.50 per 100, $13 per 1,000.

Giant Snowdrops of Asia Minor (*Galanthus Elwesii*). 20 cts. per doz., $1 per 100, $6.50 per 1,000.

Snowdrops

SPIRAEA, or ASTILBE

READY IN NOVEMBER

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purposes, for which they are eminently adapted, either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

Japonica (Hoteia). Excellent pot-plant for winter-blooming. Large, branching panicles of pure white, feathery flowers; fine for cutting. Clumps for forcing or outdoor planting. 15 cts. each, $1.25 per doz., $6 per 100.

Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome, pure white flowers make it a most elegant pot-plant. 15 cts. each, $1.50 per doz., $8.50 per 100.

Astilboides floribunda. Very large, pure white plumes; neat habit; very abundant bloomer. 15 cts. each, $1.50 per doz., $8 per 100.

Palmata. Crimson; strong clumps. 15 cts. each, $1.50 per doz., $8.50 per 100.

Aruncus. Handsome plant with large plumes of pure white flowers. 20 cts. each, $2 per doz.

SPIRAEA, continued

GLADSTONE. A hybrid Spirea with beautiful snow-white plumes borne on strong stems 1½ feet long, standing erect above the foliage. The plant is perfectly symmetrical in shape, the foliage very handsome and the flowers exquisitely fragrant. Fine forcer. 20 cts. each, $2 per doz., $12 per 100.

WASHINGTON. A splendid decorative plant, producing extra-large flowers. Strong grower; fine for forcing. 15 cts. each, $1.50 per doz., $8.50 per 100.

QUEEN ALEXANDRA, PINK. A splendid **pink variety,** in habit similar to the well-known Gladstone, but flowering two weeks later. It is a very free bloomer and bears its flowers well above the strong, dark green foliage. When forced it must be shaded, as soon as it starts to color. It is a splendid outdoor plant, being as hardy as the old *Spiræa Japonica.* Its color won't fade even in the brightest weather. 25 cts. each, $2.50 per doz.

Transportation charges not included in above prices

Spiræa

TRILLIUM

(American Wood-Lily, or Indian Shamrock)

If wanted by mail, add 5c. per doz. or 30c. per 100 for postage

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are natives of North America, and are known by various common names in different localities. They have violently emetic roots.

Tuberoses

Erectum. Dark purple; erect habit. 10 cts. each, 75 cts. per doz., $5 per 100.

Grandiflorum ("Giant American Wood-Lily," or "Wake-Robin"). Large, white flowers, changing to rose; quite hardy, and easily grown in shaded positions. 8 cts. each, 60 cts. per doz., $3.50 per 100.

Ovatum. White, changing to rose. 10 cts. each, 75 cts. per doz., $5 per 100.

Sessile rubra. Deep maroon; very rare. 12 cts. each, $1.25 per doz., $6.50 per 100.

Sessile, Snow Queen. Flowers pure white, with broad petals. Foliage prettily mottled. 12 cts. each, $1.25 per doz., $6.50 per 100.

TUBEROSES READY IN DECEMBER

If wanted by mail, add 10 cts. per dozen for postage

The purity of color and rich perfume of the Tuberose are well known in this latitude. May 1 is early enough to plant in the open ground, but the bulbs may be started in pots much earlier if desired. They do best in a rich warm soil and a sunny situation. Cut off about a quarter of an inch from the bottom of the bulb before planting, and set so that the top will be one inch below the surface of the soil.

Dwarf Double Pearl. Dwarf habit; large, fine flowers of great substance. 6 cts. each, 40 cts. per doz., $2 per 100.

Albino. Purest white; single flowers. 8 cts. each, 50 c. per doz., $3 per 100.

Variegated leaf. Foliage striped white and green; single white flowers. 8 cts. each, 50 cts. per doz., $3 per 100.

Miscellaneous Bulbs and Roots

Those marked with an asterisk (*) will not be ready till October or November

		Each	Doz.	100
	***Achimenes.** Mixed. Lovely greenhouse pot-plants	$0 07	$0 60	$3 50
	Aconite. See Eranthis, page 26.			
Allium.	Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.			
"	**Azureum.** Beautiful sky-blue flowers in large umbels; fine for pots or garden	10	1 00	7 00
"	**Neapolitanum.** Large umbels of pure white flowers, borne on large stems; valuable for forcing for winter cut-flowers, as well as for summer garden decoration. 2 for 5c.		20	1 00
"	**Moly luteum.** Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses. 2 for 5c.		20	1 00
"	**Hermettii grandiflorum.** Makes a splendid pot-plant for winter-blooming in the house, the handsome, large, pure white flowers being produced abundantly and for a long time; largely used by florists for cut-flowers. 3 for 10c.		25	1 25
Alstroemeria	aurea. Golden yellow	06	50	
"	Brasiliensis. Deep red, with black spots	10	75	
Amorphophallus Rivieri.	A species of Arum, with ornamental leaves; flowering without soil or water	70	7 00	
Anomatheca	cruenta. Rich crimson flowers; neat, dwarf habit; excellent for window-garden. 2 for 5c.		20	1 00

MISCELLANEOUS BULBS AND ROOTS. continued

	Each	Doz.	100
Anthericum. Ornamental border plants; also fine for pot culture. Do best in light, rich soil, and require plenty of water while growing.			
" **Liliago** (St. Bernard's Lily). Pure white flowers; 1½ feet high	$0 10	$0 75	
" **liliastrum major** (St. Bruno's Lily). Pure white; fragrant	10	75	
" **Ramosum.** Of branching habit; white flowers; 2 feet high	12	1 00	
Antholyza, Mixed. Like Gladioli. Take up in fall	10	1 00	$7 00
Apios tuberosa. Hardy climber, with clusters of fragrant purple flowers	06	50	3 00
Arum. Make handsome pot-plants, and are also effective in subtropical gardening. A. *Dracunculus* is hardy.			
" **Crinitum.** Marble stems; broad, flesh-colored, spotted flowers, covered with hairs.	40	4 00	
" **Cornutum** (Red Calla). Flowers red, spotted black, stems mottled; handsome pot plant; flowers without water or soil	20	1 75	10 00
" **Dracunculus** (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled stem and handsome foliage. Hardy	15	1 50	
" **Italicum.** A hardy species from the Channel Islands, with creamy white flowers	07	60	
" **Maculatum.** A fine decorative plant; flowers white; green foliage, spotted black	10	1 00	
" **Palaestinum sanctum** (Black Calla). From the Lebanon mountains. A splendid pot- and chamber-plant, with fine dark green foliage, large black spathe and black spadix	15	1 25	8 00
Babiana. Mixed colors; for pots	06	50	3 00
Bloomeria aurea. Light yellow	08	65	4 00
Bravoa geminiflora. Orange and scarlet; twin-flowered	10	75	
Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest spring plants, blooming even before the crocus	08	65	4 00
Calla. See Richardia, page 24.			
Camassia Cusickii. Superb variety with very large leaves and lovely pale sky-blue flowers, produced in racemes 2 to 3 feet long	15	1 50	
" **esculenta.** Pretty violet-blue flowers; fine for cutting	05	25	1 50
Chionodoxa giganteum. Very large lilac-blue flowers, with large white eye	05	35	2 00
" Luciliæ ("Glory of the Snow"). Porcelain-blue, white eye	05	25	1 50
" Sardensis. Lovely deep blue flowers, produced in great numbers	05	25	1 50
Cinnamon Vine. *See Dioscorea*	06	50	3 00
Clematis coccinea. A hardy herbaceous perennial climber; flowers rich scarlet	20	1 75	10 00
Colchicum autumnale fl. pl. (Meadow Saffron)	10	75	5 00
" Mixed. Many bright colors	10	75	5 00
Cooperia Drummondii (Evening Star). White	05	35	2 00
" peduncularis. Beautiful white, fragrant flowers	05	35	2 00
Corydalis bulbosa rubra. Rosy purple; very early, spring-flowering	06	50	3 00
Crocosmia aurea (Tritonia). Half-hardy; orange flower	10	80	6 00
***Dicentra spectabilis** (Dielytra, Bleeding-Heart). Hardy; also for forcing	20	1 75	10 00
Dioscorea Batatas (Cinnamon Vine)	06	50	3 00
Dodecatheon Hendersoni. Rose-purple, with yellow band	09	70	4 50
" Clevelandi. White, tinted pink; tall	09	70	4 50
" patulum. Soft rose	10	1 00	7 00
Eranthis hyemalis (Winter Aconite). Yellow	05	25	1 50
Eremurus himalaicus. White	75		
" robustus. Rose	75		
Eucharis Amazonica. Fine white-flowered greenhouse plant. Magnificent	75	7 50	
Geranium sanguineum. Hardy perennial. Crimson-purple flowers	20	1 50	
***Haemanthus** albiflos. White; fine for pots	1 00		
" coccineus. Scarlet; for pots	2 00		
***Haemanthus** puniceus. Orange-red; for pots	2 00		
***Helleborus niger major** (Christmas Rose). Perfectly hardy, but most valuable for forcing	40	4 00	
***Hemerocallis,** Apricot. Distinct rich apricot	15	1 25	
" flava. Clear yellow	10	75	5 00
" fulva. Coppery orange, shaded crimson	10	75	5 00
" Kwanso flore pleno. Coppery orange; double	10	1 00	7 00
" Sieboldi. Reddish orange	10	75	5 00
***Hyacinthus** candicans. A snow-white summer-flowering giant Hyacinth	06	50	3 00
Incarvillea Delavayi. Large, rosy purple; splendid hardy perennial, with handsome foliage	10	1 00	
Leucojum æstivum. Summer-flowering white Snowflake	05	40	2 50
Leucojum vernum. Spring-flowering, dwarf Snowflake	05	35	2 00
Ornithogalum arabicum. White, with black center; valuable for forcing	05	40	2 50
Ornithogalum pyramidale. Showy spikes of white flowers	15	1 25	
Ornithogalum umbellatum (Star of Bethlehem). Outside green and white striped, inside satiny white; flowers in umbels; very showy	05	35	2 00

Incarvillea Delavayi

MISCELLANEOUS BULBS AND ROOTS, continued

	Each	Doz.	100
***Pancratium** Africana	$0 25	$2 50	$15 00
" calathinum (Basket Flower). Very fragrant white flowers	15	1 25	
" maratimum (Sea Daffodil). Delightfully fragrant; white	15	1 50	8 00
" undulatum. White	15	1 50	8 00
***Schizostylis** coccinea. Scarlet gladiolus-like flowers in spikes	08	65	4 00
Sparaxis. Finest mixed	2 for 5c.	20	1 00
Tricyrtis hirta. Beautiful; fall-flowering; hardy; from Japan	10	75	5 00
Triteleia uniflora. Pure white, shaded with blue; hardy	2 for 5c.	20	90
***Tritoma** uvaria grandiflora (Red-Hot-Poker Plant). Half-hardy	15	1 25	8 00
" MacOwani. Dwarf variety; bright orange-red	15	1 40	9 00
" Pfitzeri. Large spikes of intense flame-colored flowers. In beds it makes a gorgeous display. It should be planted in the spring	20	1 75	10 00
***Tritonia** crocata. Mixed	06	50	3 00
***Trollius** Europæus. Yellow	20	1 75	10 00
" Caucasicus (Orange Globe). Large, globular, golden yellow flowers	20	2 00	
" giganteus. Yellow	20	2 00	
***Tropaeolum** tricolor (Jarratti). Fine greenhouse climber; for pots	20	2 00	
" speciosum. Brilliant scarlet	15	1 50	
" tuberosum. Pretty climber, flowering in late fall. Flowers yellow inside, orange-scarlet outside	12	1 00	
" pentaphyllum	40	4 00	
Tydaea. Mixed. Very showy	10	1 00	
***Vallotta** purpurea (Scarborough Lily)	35	3 50	
WATSONIA ARDERNEI (O'Brieni). Each bulb produces from 50 to 100 large and very beautiful snow-white gladiolus-like blooms over 3 inches in diameter. Fine for forcing in the greenhouse or for planting outdoors in spring	20	2 00	
Zephyranthus atamasco. Pure white	06	50	3 00
" candida. White, greenish base	08	65	4 00

Hardy Annual and Perennial Flower Seeds

FOR AUTUMN SOWING

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials,** may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the spring.

	Pkt.	Oz.
Acanthus mollis	$0 10	
" spinosus	10	
Achillea Ptarmica, Double, "The Pearl"	25	
Aconitum Napellus	10	
" pyramidatum. Blue	15	
Adonis vernalis	05	
Agrostemma coronaria (Rose Campion)	05	
" " Mixed	05	$0 40
Alyssum saxatile compactum	05	
Anchusa Barrelieri	10	
Anemone coronaria, St. Brigid	10	
Aquilegia caryophylloides	15	
" cœrulea	15	
" " hybrida	15	
" flabellata nana alba	10	
" Jætschauii. Yellow; large-flowered; long red spurs	10	
" Long-spurred hybrids	25	
" vulgaris, Single Mixed	05	30
" " Double Mixed	05	30
Arabis alpina	10	
Asperula odorata	10	
Aubrietia deltoidea	25	
" Græca	10	
Baptisia australis	05	
Bocconia Japonica	10	
Buphthalmum cordifolium	05	
Calampelis scabra. Fine climber for trellises	10	
Callirhoe involucrata	10	
Campanula carpatica	10	
" " alba	10	
" Medium, Rose	10	
" " White	05	
" " Blue	05	
" " Striped	10	
" " Single Mixed	05	40
" " Double Mixed	10	
" " Prize Mixture, Single and Double; all colors	15	
" macrostyla	15	
" persicifolia grandiflora, Blue	25	
" " " alba	25	
" pyramidalis, Blue	10	
" " White	10	

	Pko.	Oz.
Candytuft sempervirens	$0 10	
" Gibraltarica	15	
Catananche cœrulea	10	
Cedronella cana	25	
Centaurea (Blue Cornflower)	05	
" Mixed Cornflower	05	
" odorata, Margaritæ	10	
" imperialis, White	10	
" " Lilac	10	
" " Yellow	10	
" " Mixed	10	
Cerastium tomentosum	25	
" Bierbersteini	10	
Chamaepeuce Casabonæ	10	
Crucianella stylosa	05	
Daisy, Double White	10	$3 00
" " Red	10	
" " Snowball	10	
" " Longfellow	10	
" " Maxima, Extra Large	15	
" " Mixed, from fines flowers	15	4 00
Delphinium Ajacis, Dwarf Rocket	05	30
" Brunonianum	25	
" hybridum. Double	20	
" Chinense, Mixed	10	
" elatum, Blue	10	75
" formosum	20	1 00
" Zalil	30	
Dictamnus Fraxinella, Red	10	
" " White	10	
Doronicum caucasicum. Yellow	25	
Dracocephalum Moldavicum	05	
Echinops Ritro. Blue	10	50
Eryngium cœlestinum	10	
" giganteum	10	
Eschscholtzia Thorburni. Grandest of all	10	
" Californica	05	30
" Burbank's Crimson-flowering	10	
" The Golden West	05	40
" "Carmine King"	10	
Forget-me-not (Myosotis)		
" alpestris, Blue	10	60
" " alba	10	60

HARDY ANNUAL AND PERENNIAL FLOWER SEEDS, continued

	Pkt.	Oz.
Forget-me-not alpestris robusta grandiflora	$0 10	
" " Victoria	15	
" " Star of Love	25	
" sylvatica	10	
Foxg ove, Purple	05	$0 30
" White	05	
" Yellow large-flowered	05	
" Rose	05	
" Mixed	05	30
" gloxinioides, Rose	05	
" " Mixed	05	75
" maculata superba	10	80
" monstrosa, Splendid Mixed	10	
Fragaria Indica	10	

Foxglove

	Pkt.
Gaillardia grandiflora maxima	$0 10
Galega officinalis	05
" " alba	10
Gentiana acaulis	10
" cruciata	10
Geum Chiloense coccineum fl. pl.	15
" " atrosanguineum fl. pl.	10
Godetia, Fairy Queen. White, carminespots	05
" gloriosa. Darkest red; dwarf; compact	05
" grandiflora maculata. Large white blotched carmine	05
" Lady Albermarle compacta. Dwarf, dark crimson	05
Godetia, Lady Satin Rose. Bright carmine	$0 05
" Princess of Wales. Dark crimson.	05
" The Bride. White, blush spots	05
Gunnera manicata	25
Helleborus niger	10
" " New Hybrids	25
Heuchera sanguinea	15
" " splendens	25
Hibiscus, Crimson Eye	10
Hollyhock, Double Orange	10 $2 00
" " Apricot	10 2 00
" " Lilac	10 2 00
" " Maroon	10 2 00
" " Salmon	10 2 00
" " Sulphur-Yellow	10 2 00
" " Canary-Yellow	10 2 00
" " Mixed	10 1 50
" Collection, 12 varieties	75
" Collection, 8 varieties	60
" Collection, 6 varieties	40
Jacob's Ladder, Blue	05 25
" " White	05
Lavatera arborea	10
Lathyrus latifolius. Pink Beauty	10 40
" " White	10 40
" " Crimson	10
" Lord Anson's White	05 20
Linaria Cymbalaria	10
Linum Lewisii variegatum	10 60
Lupinus polyphyllus, Mixed perennial	05 30
Lychnis Chalcedonica	05
" " alba	05
" Haageana hybrida	10
Melilotus cœrulea	05 30
Orobus niger	05
Paeonia officinalis	05
" " Sinensis	10
Pansy. See page 30.	
Pentstemon, Mixed	10
Persicaria, Red	05
Phlox decussata, Mixed Perennial	10
" Large-flowered Mixed Hybrid Perennial	25
Physalis Francheti	10
Platycodon grandiflorum	10
Polyanthus, Finest Mixed	10
Potentilla, Mixed	10
Poppy Orientale	10 60
" " Mixed Hybrids	10 60
" nudicaule (Iceland Poppy)	10
" " album	10
" " Mixed	10 75
Primula cortusoides	10
" Cashmeriana	25
" Japonica	10
" farinosa	25
" vulgaris (English Yellow Primrose)	10
Pueraria Thunbergiana (Kudzu Vine)	10
Pyrethrum atrosanguineum	05
" roseum hybridum, Double Mixed	25
" " " Single Mixed	05
" Parthenifolium aureum	10
" " " Golden Gem.	05
Rheum palmatum	05
" Collinianum	05
Rudbeckia amplexicaulis	05
Scabiosa minor aurea fl. pl.	10
" Caucasica	10
Snapdragon Firefly	10
" Galathee	10
" Queen Victoria	10
" Black Prince, Dwarf	10
" White	10
" Yellow	10
" Large-flowered Mixed	05
" Fine Dwarf Mixed	05 50

HARDY ANNUAL AND PERENNIAL FLOWER SEEDS, continued

	Pkt.	Oz.
Sweet William, White, Single	$0 05	$0 25
" " " Double	10	
" " Dark Crimson Single	05	
" " " " Double	10	
" " Auricula-flowered	05	40
" " Mixed Single	05	25
" " " Double	10	85
Sweet Peas. All sorts in General Catalogue.		
Thorburn's Special Mixed..per lb., 75c..	05	10

	Pkt.
Stachys lanata	$0 05
Statice, Mixed Perennial	05
Stenactis speciosa. Purple	05
Stokesia cyanea. Blue	10
Trifolium suaveolens	05
Verbascum pannosum	10
Veronica, Mixed	10

Flower Seeds for Frames and Greenhouses

	Pkt.
Acacia decurrens	$0 05
" Farnesiana	05
" melanoxylon	10
" mollissima floribunda	10
Asparagus Sprengeri	10
" plumosus nanus	10
Begonia, Single Tuberous-rooted	25
" Double Tuberous-rooted	75
" Erfordi	50
" Rex fol. aureis. Yellow-leaved	25
" " Zulu King. Black-leaved	25
" semperflorens alba	25
" " Vernon	25
Browallia, Mixed	10
Calceolaria, Large-flowered, Self-colored	25
" " " Tigered or Spotted	25
" " " Dwarf Tigered	25
" " " Tigered and Selfs	25
" rugosa	50
Candytuft, Empress...oz., 25c..	05
" Little Prince...oz., 75c..	10
" Queen of Italy...oz., 40c..	10
Carnation, Margaret, Mixed...oz., $1..	10
" " Half-Dwarf, Mixed, per oz., $1.25..	10
" " White	10
" " Yellow	25
" Chabaud Perpetual	25
" Giant Perpetual Mixed	50
Cineraria hybrida, White	25
" " Splendid Mixed	25
" " Large-flowered. Blood-red	25
" " " Half-Dwarf	50
" " " Prize	50
Coleus, Fine Hybrids	25
Cyclamen giganteum, Mont Blanc. 100 seeds, $1..	25
" " albo-rubrum. 100 seeds, $1..	25
" " atropurpureum, 100 seeds, $1..	25
" " cardinal...100 seeds, $1..	25
" " lilacea...100 seeds, $1..	25
" " superbum...100 seeds, $1..	25
" " roseum...100 seeds, $1..	25
" " Aurora Borealis, 100 seeds, $1.25..	25
" " Salmon Queen, 100 seeds, $1.25..	25
" " Mixed...100 seeds, $1..	25
Erythrina crista-galli	10
Genista Canariensis	10
Gesneria, Extra Mixed	25
Gloxinia hybrida crassifolia erecta	50
" " " horizontalis	50
" " grandiflora "Defiance"	50
" " " Tigered and Spotted	50
" " gigantea, "Cyclops"	50
" " " Goliath	50
Heliotrope, Fine Mixed	10
Impatiens Sultani, Scarlet	25
" Sultani Mixed	25
" Holstii	25
Lobelia erecta, Golden Queen	20
" " Crystal Palace compacta	20
" " White Lady	10

	Pkt.
Lobelia erinus, Royal Purple	$0 10
" " Paxtoniana	10
" " speciosa	10
Mandevillea Suaveolens. White	10
Maurandya, Mixed	10
Mignonette, Machet...per oz., 50 cts...	10
" Bismarck. Improved dwarf...per oz., 75 cts...	10
" Diamond. Pure white...per oz., 60 cts...	10
" Gabrielle. Large red...per oz., 60 cts...	10
" Goliath. Red	15
" Victoria. Red, compact	10
Musk Plant	10
Pansy. See page 37.	
Primula obconica grandiflora alba	25
" " " rosea	25
" " " hybrida. Mixed	25
" Sinensis fimbriata rubra	25
" " " alba	25
" " " cœrulea	25
" " " kermesina splendens	25
" " " Mixed	25
" " " filicifolia alba	25
" " " " rubra	25
" " " " Mixed	25
" " " globosa rubra	25
" " " " alba	25
" " " " Mixed	25
" " " plena rubra	50
" **stellata** (Star Primula) Superb class	
" " Giant White Star	50
" " Crimson Star	50
" " Purple Star	50
" " Carmine Star	75
" " Rosy Star	50
" " King of the Star. Deep Crimson	50
" " Salmon-Pink Star	50
" " Mixed Star	50
" Forbesi. Rosy lilac	25
Rehmannia angulata. Rose and red shades	25
Rosa multiflora nana	10
Smilax...per oz., 50 cts...	10
Solanum capsicastrum	10
" giganteum	10
" Hendersonii	10
" Seaforthianum	15
" Warscewiczioides	10
Stevia serrata	10
Stocks, Dwarf Large-flowering, Souvenir de Nice. Flesh-color	10
" Dresden Perpetual, Mixed	25
" Dwarf Large-flowering Mixed	10
Vinca alba pura	10
" rosea	10
" " alba	10
" " Mixed	10
Wallflower, German Double. Mixed	25
" Single, Brown...per oz., 30 cts...	05
" " Yellow	05
" " Mixed...per oz., 30 cts...	05

PANSY

To have fine Pansies for spring flowering, the seed should be sown in frames in August, and not later than September.

	Pkt.	Oz.
Thorburn Superb. The richest and most choicely varied mixture ever offered. Produces largest flowers of most beautiful form	$0 25	$5 00
Giant Orchid-flowered. A splendid and quite distinct sort	20	2 00
Bugnot Superb Blotched	20	2 50
Cassier's Fine Mixed	25	3 00
Mixed. French	05	75
Masterpiece. Curled, wavy petals; splendid	15	1 50
Madame Perret. Giant-flowered	15	1 25
Emperor William. Ultramarine-blue	10	1 00
Fairy Queen. Light blue, with white border	10	1 00
Fire King. Golden yellow and purple	10	1 00
Lord Beaconsfield. Deep purple-violet	10	1 25
Meteor. Bright yellow and brown	10	1 25
Parisian, Blotched	15	2 00
Snow Queen (Candidissima). Pure white	10	1 50
Striped (Tiger)	20	2 00
Yellow, with black Center. Splendid	10	1 25
Yellow Gem. Pure yellow, without eye	10	1 50
Giant Trimardeau, White	20	1 50
" " **Yellow** (*Golden Queen*)	20	1 50
" " **Mixed**	10	1 50

Choice Vegetable Seeds

Artichoke

	Pkt.	Oz.	¼lb.	Lb.
French Globe	$0 10	$0 35	$1 00	$3 50

Beet

	Oz.	¼lb.	Lb.
Crosby Egyptian	$0 10	$0 25	$0 85
Crimson Globe	10	25	85
Detroit	10	25	85
Fireball	10	25	85

Cabbage

	Oz.	¼lb.	Lb.
Enkhuizen Glory	$0 35	$1 00	$3 00
Early Jersey Wakefield	25	75	2 50
Early Baseball	25	75	2 50
Succession Improved	25	75	2 50
Thorburn's Market-Gardener's Private Stock Flat Dutch	25	75	2 50

Cauliflower

	Pkt.	Oz.	¼lb.	Lb.
Extra-Early Dwarf Erfurt	$0 50	$5 00		
Large Early Erfurt. Extra	25	2 25	$8 00	$30 00
Thorburn Extra Early Snowball	25	2 25	7 50	28 00
Thorburn Large Early Snowball	25	2 25	7 50	28 00
Thorburn Gilt Edge	25	2 25	7 50	28 00
Large Algiers (Italian)	10	30	1 00	4 00
" " (French)	10	50	1 75	6 00

Carrot

	Oz.	¼lb.	Lb.
Early Parisian	$0 20	$0 40	$1 50
Half-Long Pointed	15	30	1 00

Endive

	Oz.	¼lb.	Lb.
Green-Curled Winter	$0 15	$0 30	$1 00
Broad-leaved (Escarolle)	15	30	1 00
Large Green Curled (De Ruffec)	15	35	1 25

Kale, or Borecole

	Oz.	¼lb.	Lb.
Curled Siberian	$0 10	$0 20	$0 60
Dwarf Green Curled Scotch	10	25	75
Jersey Winter	10	25	75

Lettuce

	Oz.	¼lb.	Lb.
Thorburn's Maximum	$0 20	$0 50	$1 50
Market-Gardener's Private Stock	15	35	1 25
Big Boston	20	50	1 50
Giant Crystal Head	15	35	1 25
May King	15	35	1 25
Thorburn's Mammoth Butter, Black Seed	15	35	1 25

Onion

	Oz.	¼lb.	Lb.
White Pearl. Small	$0 20	$0 50	$1 50
" **Mammoth Garganus**	20	50	1 50
" **Bermuda** (Teneriffe-grown) expected	25	75	2 50
" **Bermuda, Crystal Wax** (Teneriffe-grown) expected	35	1 00	3 50
Yellow, Large Globe (Southport)	20	50	1 50
" **Prizetaker**	20	50	1 75
Red, Australian Brown	20	50	1 50
" **Large Globe** (Southport)	25	50	1 75
" **Bermuda.** Expected	25	75	2 50

Parsley

	Oz.	¼lb.	Lb.
Extra Curled	$0 10	$0 20	$0 65

Radish

	Oz.	¼lb.	Lb.
Turnip Early Scarlet	$0 10	$0 20	$0 50
" " **Forcing**	10	20	60
" " **Globe**	10	20	60
" " **Crimson Giant**	10	25	75
Olive-shaped French Breakfast	10	20	60

CHOICE VEGETABLE SEEDS, continued

Radishes, continued

	Oz.	¼lb.	Lb.
Long Brightest Scarlet, White-tipped	$0 10	$0 20	$0 50
Round Scarlet China	10	25	75
Winter Scarlet Chinese	10	20	60
" **Long Black Spanish**	10	20	50
" **Oval Black Spanish**	10	25	85

Spinach

	Oz.	¼lb.	Lb.
Thorburn Long Season	$0 10	$0 15	$0 35
Round Viroflay (Thick-leaved)	10	15	35
Curled-leaved Savoy, or **Bloomsdale**	10	15	35
Long-standing (Round Thick-leaved)	10	15	35
Victoria	10	15	35
Prickly	10	15	35

Turnip

	Oz.	¼lb.	Lb.
Red Top Globe	$0 10	$0 20	$0 60
White Globe	10	20	60
White Milan	15	30	1 00
White Snowball	10	20	60
White Strap Leaf	10	20	60
Yellow Stone	10	20	60
Rutabaga, Thorburn Purple-Top Improved	10	20	50

Mushroom Spawn

Cultural directions in our General Catalogue. Any one requiring fuller details should get Wm. Falconer's book on Mushroom Culture, sent postpaid, for $1.

English Spawn. In bricks. Per lb. 15 cts., 10 lbs. $1, 100 lbs. $9.

American Spawn. In bricks. Per brick, 18 cts., 10 bricks, $1.50, 100 bricks, $12.

French Spawn. In bulk. Per lb. 30 cts., 10 lbs. $2.50.

Insecticides and Remedies for Plant Diseases

If wanted by mail, add 16 cents per lb. to cover postage

ANTIPEST. A sure destroyer of all insect pests. Qt. 60 cts., ½gal. can $1, gal. can $2.

APHINE. Has no equal for the destruction of green, black, or white fly, thrips, red spider, mealy bug, etc. Used one part to forty of water. Does not injure the most tender plants. Qt. $1, gal. $2.50.

ARSENATE OF LEAD. Does not injure tender foliage. 20 cts. per lb., 5 lbs. 95 cts., 10 lbs. $1.80, 20 lbs. $3.60, 100 lbs. $17.

BORDEAUX MIXTURE. For all fungous diseases. Dry, 1-lb. box 20 cts., 5 lbs. and over at 18 cts. per lb.; 50 lbs. $7; liquid, qt. 40 cts., gal. $1.25.

BUG DEATH. This is a fungicide, insecticide, and plant-food combined. 1-lb. package, 15 cts.; 3-lb. package, 35 cts.; 5-lb. package, 50 cts.; 12½-lb. package, $1; 100-lb. package, $7.50.

DALMATIAN INSECT POWDER. ½-lb. box, 30 cts.; 1-lb. box, 50 cts.

FIR-TREE OIL. For greenhouse and house plants. Destroys insects without injuring plant. Dilute 1 pint to 20 gallons water. Apply with vaporizer or syringe. ½pt. 40 cts., pt. 75 cts., qt. $1.25, ½gal. $2.25, gal. $4.

FIR-TREE OIL SOAP. Mix at the rate of 1 ounce to a gallon of water, and apply with a bellows or syringe. ½lb. tin, 25 cts.; 2-lb. tin, 75 cts.

GRAPE DUST, HAMMOND'S. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows. 5-lb. pkg. 35 cts., 10-lb. pkg. 60 cts., 100 lbs. $5.

HELLEBORE. Apply dry or mix in water—1 oz. to 3 gals. 2-lb. box 35 cts., 1-lb. box 20 cts.

KEROSENE EMULSION. For cabbage worms, scale on trees, caterpillars, melon louse, rose bugs, green fly, etc. Dilute 25 to 50 parts. Qt. 40 cts., gal. $1.

LEMON OIL. For destroying scale, caterpillar, mealy bug, etc. Directions on can. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., gal. $2.

NICOTICIDE. For fumigating or spraying. Effective against greenfly, mealy bug, etc. Does not damage foliage or flowers. Sold in cans as follows: No. 1, 1 pt., sufficient for 32,000 cubic feet of space, $2.50 each; No. 2, ½pt., sufficient for 16,000 cubic feet of space, $1.25; No. 3, 4 ozs., sufficient for 8,000 cubic feet of space, 70 cts. Gals., $15 each; ½-gal. $8.25 each; qts., $4.50 each. Fumigators, 50 cts. each.

"NICO-FUME" TOBACCO PAPER. For fumigating Does not injure blooms. In tins. 24 sheets, 75 cts. 144 sheets, $3.50; 288 sheets, $6.50.

NICO-FUME LIQUID. For fumigating or spraying. Effective against greenfly, mealy bug, etc. Does not stain or injure blooms, and leaves no disagreeable odor. For spraying, 1 to 2 teaspoonfuls to a gallon of water. ¼pt. 50 cts., pt. $1.50, ½gal. $5.50, gal. $10.50. Lamps, 50 cts. each.

PARIS GREEN. Mix at the rate of 1 lb. to 200 gals. of water. 1-lb. can, 35 cts., ½-lb. can, 20 cts., ¼-lb. can 12 cts. Fluctuates in price.

SLUG-SHOT (HAMMOND'S). Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, etc. 5-lb. package, 30 cts., 10-lb. pkg. 50 cts., 100-lb. pkg. $4.50.

SULPHUR, POWDERED. Valuable for protecting against mildew on grapes, roses, etc. Lb. 10 cts., 10 lbs. 60 cts., 100 lbs. $4.

SULPHO-TOBACCO SOAP. Dissolve in proportion of 2 ounces to a gallon of water, and apply with a syringe or atomizer. It will destroy rose slugs, aphides, greenfly, bark-lice, etc. 3-oz. box, 10 cts.; 8-oz. box, 20 cts.; 10-lb. box., $3.

TOBACCO DUST—

Ordinary Kind. For dusting. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. $2.75.

Stoothoff's "Black Stuff." For dusting. 50 lbs. $2.25, 100 lbs. $4.

Stoothoff's "Fumigating Kind." For burning. 50 lbs. $2.25, 100 lbs. $4.

TOBACCO STEMS. For fumigating plants infested with green fly. Bale of about 100 lbs., $1.50; 200 lbs., $2.75; 400 lbs., $4.50.

TREE TANGLEFOOT. A sticky substance applied directly to the bark. For protecting trees against climbing insect pests in a simple, economical and effective way. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. 1-lb. can 30 cts., 3 lbs. 85 cts., 10 lbs. $2.65, 20 lbs. $4.80.

FISH-OIL SOAP. For washing trees and destroying all insects on the bark. 1-lb. box, 15 cts., 5 lbs. 50 cts., 10 lbs. 90 cts., 100 lbs. $7.

X. L. ALL LIQUID INSECTICIDE. For spraying. Purely nicotine; harmless to very delicate plants; kills mealy bugs, red spider and all insect pests. Pt. 65 cts., qt. $1, ½gal. $1.75, gal. $3.50.

FOR SAN JOSÉ SCALE

California Wash (Lime, sulphur and salt). One gallon makes 25 by adding sufficient water. Qt. 40 cts., gal. $1.

Scalecide. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary. Add 1 gallon for every 15 to 20 gallons of water. Qt. 40 cts., gal. $1, 5 gals. $3.25.

Thorburn's High-Grade Fertilizers

Thorburn's Lawn Fertilizer

Per ton, $50; single bags of 167 lbs., $5; per bag of 100 lbs., $3.25; 50 lbs., $2; 25 lbs., $1.25; 10 lbs. 75 cts.

Thorburn's Complete Manure

Ton, $40; single bag of 167 lbs., $4; bag of 100 lbs., $2.75; 50 lbs., $1.65; 25 lbs., $1; 10 lbs., 50 cts.

Clay's Celebrated Fertilizer

One of the best manures for all horticultural purposes. 1 cwt. (112 lbs.), $7; ½cwt. (56 lbs.), $4; ¼cwt. (28 lbs.), $2.25; ⅛cwt. (14 lbs), $1.25.

Thompson's Vine Manure

Unrivaled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants; also for vegetable and outdoor plants of every description. Splendid for lawns, tennis courts, putting greens, etc. Per cwt. (112 lbs.), $7; ½cwt. (56 lbs.), $4.

Pure Ground Bone Meal

Finely pulverized. 5 lbs., 25 cts.; 50 lbs., $1.25; 100 lbs., $2.25; per ton, $33.

Imported Scotch Soot

In bags of about 125 lbs., $3.50 per bag.

Bowker's Ammoniated Food for Flowers

The best dressing for potted plants. Small package, 15 cts. each; by mail, 25 cts. Large package, 25 cts. each; by mail, 45 cts.

Canada Hard-Wood Ashes

Highest grade, extra-screened, unleached. In bags of about 100 lbs., $1.50; per ton, $22.

Pulverized Sheep Manure

Excellent as a top-dressing for lawns, and for mixing with soil for greenhouse plants. 5-lb. package, 30 cts.; 10 lbs., 50 cts.; 50 lbs., $1.25; 100 lbs., $2; ton, $32.

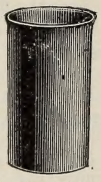
Horticultural Implements, Etc.

Flower or Tree Tubs

New York Style Tree Tubs. Made of cedar timber, painted green.

No.	Diam.	Height	
1	12 inches	10⅝ inches	$1 35
2	13 inches	12¾ inches	1 75
3	14½ inches	14¾ inches	2 25
3½	16½ inches	15¾ inches	2 75
4	19½ inches	16⅝ inches	3 00
5	22½ inches	18½ inches	3 75

Flower Vases. Indurated wood-fiber; for cut-flowers.



	Diam.	Depth	Each
No. 0.	8 inches	13 inches	$0 60
No. 1.	5½ inches	10 inches	50
No. 2.	4½ inches	9 inches	45
No. 3.	4 inches	6 inches	35

Bamboo Canes, Japanese. 6 feet long, $1 per 100, $8 per 1,000; 8 feet long, $1.25 per 100, $10 per 1,000. Not less than 100 sold.

Carnation Supports, Model Extension	Doz.	100
2-ring	$0 50	$3 00
3-ring	60	3 50

Galvanized Wire Stakes. For roses, etc.		
2 feet	30	2 00
3 feet	40	2 50
4 feet	50	3 00
5 feet	60	3 50

Glazing Points, Tiger Brand. Per 1,000, 50 cts.; pincers for same, 50 cts. each.

Glazing Putty Bulbs (Scollay's). $1 each; by mail, $1.10.

Grape Scissors. Best English. For thinning the bunches. Each, 90 cts., $1.25 and $1.50.

Grafting Wax. In ¼-, ½- and 1-lb. pkgs., per lb. 30c.

Hedge Shears, English. 8-inch, $2 each; 9-inch, $2.50 each; 10-inch, $3 each.

Horse Boots. Made of very strong, heavy leather, closely riveted. Per set of 4, $9.

Hotbed Sash. Best quality, unglazed, 3 x 6 feet, each, $1.10; per doz., $12. Glazed, 3 x 6 feet, for 10 x 12 glass, each, $3.50; per doz., $38. Packing extra.

Hyacinth Glasses, Tall or Tye's Shape. Blue, Green and Purple. Either style. Each, 20 cts.; per doz., $2.

Mastica. For glazing greenhouses, sashes, etc. Per qt. 40 cts.; gal., $1.35.

Mastica Glazing Machines. Each, $1.25.

Mats, Hotbed. Made of jute, stitched through; hemmed with canvas and thickly padded; size, 76 inches by 76 inches; one mat covers two sashes.
No. 1. Both sides jute. Each, $1.50; per doz., $16.
No. 2. One side jute, the other side waterproof duck. Each, $2, per doz., $22.

Pruners. Water's Long-handled Tree. 4 feet. 75 cts. each; 6 feet, 80 cts. each; 8 feet, $1 each; 10 feet, $1.10 each.

Little Giant Pruner and Saw Combined. $1.50.

Rakes. All kinds. See page 134 General Catalogue.

Shears, Pruning Perfection. Nos. 1 to 4, $1.75 to $3 each.

Sprinklers, all for ¾-inch hose.	Each
Brass Fountain	$0 75
Water Witch, No. 3	50
No. 4	1 25
Columbia	1 50

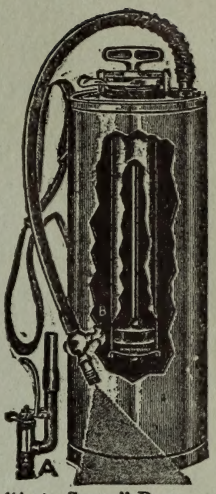
For others see General Catalogue

Thermometers. Hotbed and mushroom bed. Boxwood, brass tips; made for plunging. Each, $1 and $1.75.

J. HORACE McFARLAND COMPANY, HORTICULTURAL PRINTERS, HARRISBURG, PA

"Auto-Spray" Pump

A self-operating sprayer of simple construction, durable, easy to carry and to work. Made of galvanized iron or solid brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. A perfect pump. Price, with brass tank and stop-cock nozzle, $6.75; galvanized iron tank and stop-cock nozzle, $4.50. Brass extension pipe, 2 feet, 45 cts. extra. Fitted with "Auto-Pop" nozzle, $1 extra. "Auto-Pop" nozzle if sold alone, $1.50.



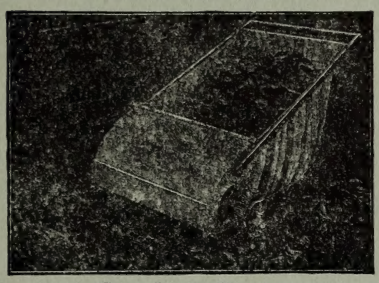
"Auto-Spray" Pump

Bucket Spray Pump

Being made of brass, it is not affected by the arsenites used for spraying. Easily operated; throws a solid stream 50 feet. It is provided with a combination nozzle. For spraying large trees, an 8-foot extension is supplied for $1 extra. This pump is also valuable for washing windows. Price, $4.

Thorburn's Barrel Spray Pump

A perfect spray pump for orchard work. Can be adjusted to any barrel. Will maintain a continuous spray. Fitted with agitator and 10 feet of ½-inch hose. Each, $10, without barrel. Barrel, $2.50 extra. Truck for transporting barrel, 2-inch tire, $8.75; 3-inch tire, $9.75.



Gem Lawn Cleaner

THE GEM LAWN CLEANER

A revolving fan with metal teeth creates an air-current which carries into the canvas basket all leaves, dead grass, stones, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by the lawn-mower. Price, $16.

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J. M. THORBURN & CO.
33 BARCLAY ST. AND 38 PARK PLACE
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